ID	Symbol	Expr Log Ra	Source
mmu-let-7d-3p	let-7d-3p (miRNAs w/seed UAUACGA)	1.313	TargetScan Human
mmu-let-7d-3p	let-7d-3p (miRNAs w/seed UAUACGA)	1.313	TargetScan Human
mmu-let-7d-3p	let-7d-3p (miRNAs w/seed UAUACGA)	1.313	TargetScan Human
mmu-let-7d-3p	let-7d-3p (miRNAs w/seed UAUACGA)	1.313	TargetScan Human
mmu-let-7d-3p	let-7d-3p (miRNAs w/seed UAUACGA)	1.313	TargetScan Human
mmu-let-7d-3p	let-7d-3p (miRNAs w/seed UAUACGA)	1.313	TargetScan Human
mmu-let-7d-3p	let-7d-3p (miRNAs w/seed UAUACGA)	1.313	TargetScan Human
mmu-let-7d-3p	let-7d-3p (miRNAs w/seed UAUACGA)	1.313	TargetScan Human
mmu-let-7d-3p	let-7d-3p (miRNAs w/seed UAUACGA)	1.313	TargetScan Human
mmu-let-7d-3p	let-7d-3p (miRNAs w/seed UAUACGA)	1.313	TargetScan Human
mmu-let-7d-3p	let-7d-3p (miRNAs w/seed UAUACGA)	1.313	TargetScan Human
mmu-let-7d-3p	let-7d-3p (miRNAs w/seed UAUACGA)	1.313	TargetScan Human
mmu-let-7d-3p	let-7d-3p (miRNAs w/seed UAUACGA)	1.313	TargetScan Human
mmu-let-7d-3p	let-7d-3p (miRNAs w/seed UAUACGA)	1.313	TargetScan Human
mmu-miR-99b-5p	miR-100-5p (and other miRNAs w/seed ACCCGUA)	1.114	TargetScan Human
mmu-miR-99b-5p	miR-100-5p (and other miRNAs w/seed ACCCGUA)	1.114	TargetScan Human
mmu-miR-99b-5p	miR-100-5p (and other miRNAs w/seed ACCCGUA)	1.114	TargetScan Human
mmu-miR-99b-5p	miR-100-5p (and other miRNAs w/seed ACCCGUA)	1.114	TargetScan Human
mmu-miR-99b-5p	miR-100-5p (and other miRNAs w/seed ACCCGUA)	1.114	TargetScan Human
mmu-miR-99b-5p	miR-100-5p (and other miRNAs w/seed ACCCGUA)	1.114	TargetScan Human
mmu-miR-99b-5p	miR-100-5p (and other miRNAs w/seed ACCCGUA)	1.114	TargetScan Human
mmu-miR-99b-5p	miR-100-5p (and other miRNAs w/seed ACCCGUA)	1.114	TargetScan Human
mmu-miR-99b-5p	miR-100-5p (and other miRNAs w/seed ACCCGUA)	1.114	TargetScan Human
mmu-miR-99b-5p	miR-100-5p (and other miRNAs w/seed ACCCGUA)	1.114	TargetScan Human
mmu-miR-99b-5p	miR-100-5p (and other miRNAs w/seed ACCCGUA)	1.114	TargetScan Human
mmu-miR-99b-5p	miR-100-5p (and other miRNAs w/seed ACCCGUA)	1.114	TargetScan Human
mmu-miR-99b-5p	miR-100-5p (and other miRNAs w/seed ACCCGUA)	1.114	TargetScan Human
mmu-miR-99b-5p	miR-100-5p (and other miRNAs w/seed ACCCGUA)	1.114	TargetScan Human
mmu-miR-99b-5p	miR-100-5p (and other miRNAs w/seed ACCCGUA)	1.114	TargetScan Human
mmu-miR-99b-5p	miR-100-5p (and other miRNAs w/seed ACCCGUA)	1.114	TargetScan Human
mmu-miR-99b-5p	miR-100-5p (and other miRNAs w/seed ACCCGUA)	1.114	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TarBase,miRecords
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human

mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human,
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGU)	-1.442	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TarBase,TargetSca
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human,

mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	miRecords
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	miRecords
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TarBase,TargetSca
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human

mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	miRecords
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-mir-351	miR-125b-5p (and other miRNAs w/seed CCCUGA	-1.346	TargetScan Human
mmu-miR-126a-3p	miR-126a-3p (and other miRNAs w/seed CGUACC	2.496	TargetScan Human
mmu-miR-126a-3p	miR-126a-3p (and other miRNAs w/seed CGUACC	2.496	TargetScan Human
mmu-miR-126a-3p	miR-126a-3p (and other miRNAs w/seed CGUACC	2.496	TargetScan Human
mmu-miR-126a-3p	miR-126a-3p (and other miRNAs w/seed CGUACC	2.496	Ingenuity Expert F
mmu-miR-126a-3p	miR-126a-3p (and other miRNAs w/seed CGUACC	2.496	TargetScan Human
mmu-miR-126a-3p	miR-126a-3p (and other miRNAs w/seed CGUACC	2.496	TargetScan Human
mmu-miR-126a-3p	miR-126a-3p (and other miRNAs w/seed CGUACC	2.496	TargetScan Human
mmu-miR-126a-3p	miR-126a-3p (and other miRNAs w/seed CGUACC	2.496	TargetScan Human
mmu-miR-126a-3p	miR-126a-3p (and other miRNAs w/seed CGUACC	2.496	TargetScan Human,
mmu-miR-126a-3p	miR-126a-3p (and other miRNAs w/seed CGUACC	2.496	TargetScan Human
mmu-miR-126a-3p	miR-126a-3p (and other miRNAs w/seed CGUACC	2.496	TargetScan Human
mmu-miR-126a-3p	miR-126a-3p (and other miRNAs w/seed CGUACC	2.496	TargetScan Human
mmu-miR-6240	miR-330-3p (and other miRNAs w/seed CAAAGCA)	-3.531	TargetScan Human
mmu-miR-6240	miR-330-3p (and other miRNAs w/seed CAAAGCA)	-3.531	TargetScan Human
mmu-miR-6240	miR-330-3p (and other miRNAs w/seed CAAAGCA)	-3.531	TargetScan Human
mmu-miR-6240	miR-330-3p (and other miRNAs w/seed CAAAGCA)	-3.531	TargetScan Human
mmu-miR-6240	miR-330-3p (and other miRNAs w/seed CAAAGCA)	-3.531	TargetScan Human
mmu-miR-6240	miR-330-3p (and other miRNAs w/seed CAAAGCA)	-3.531	TargetScan Human
mmu-miR-6240	miR-330-3p (and other miRNAs w/seed CAAAGCA)	-3.531	TargetScan Human
mmu-miR-6240	miR-330-3p (and other miRNAs w/seed CAAAGCA)	-3.531	TargetScan Human
mmu-miR-6240	miR-330-3p (and other miRNAs w/seed CAAAGCA)	-3.531	TargetScan Human
mmu-miR-6240	miR-330-3p (and other miRNAs w/seed CAAAGCA)	-3.531	TargetScan Human
mmu-miR-6240	miR-330-3p (and other miRNAs w/seed CAAAGCA)	-3.531	TargetScan Human
mmu-miR-6240	miR-330-3p (and other miRNAs w/seed CAAAGCA)	-3.531	TargetScan Human
mmu-miR-6240	miR-330-3p (and other miRNAs w/seed CAAAGCA)	-3.531	TargetScan Human
mmu-miR-6240	miR-330-3p (and other miRNAs w/seed CAAAGCA)	-3.531	TargetScan Human
mmu-miR-6240	miR-330-3p (and other miRNAs w/seed CAAAGCA)	-3.531	TargetScan Human
mmu-miR-6240	miR-330-3p (and other miRNAs w/seed CAAAGCA)	-3.531	TargetScan Human
mmu-miR-6240	miR-330-3p (and other miRNAs w/seed CAAAGCA)	-3.531	TargetScan Human
mmu-miR-6240	miR-330-3p (and other miRNAs w/seed CAAAGCA)	-3.531	TargetScan Human
mmu-miR-6240	miR-330-3p (and other miRNAs w/seed CAAAGCA)	-3.531	TargetScan Human

mmu-miR-6240	miR-330-3p (and other miRNAs w/seed CAAAGCA)	-3.531	TargetScan Human
mmu-miR-6240	miR-330-3p (and other miRNAs w/seed CAAAGCA)	-3.531	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human

mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human

mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human

mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/seed GAGGGGC	1.641	TargetScan Human

Confidence	ID	Symbol	Expr Log	Pathway
Moderate (predicted)	Atmin	ATMIN	-1.813	Role of CHK Proteins in Cell Cycle Checkpoint Control
Moderate (predicted)	Cmtm6	CMTM6	1.103	
Moderate (predicted)	Ctu1	CTU1	1.475	
Moderate (predicted)	Gas7	GAS7	2.578	
Moderate (predicted)	Isca2	ISCA2	3.039	
High (predicted)	Klhl31	KLHL31	-2.085	
High (predicted)	Lsr	LSR	3.283	
Moderate (predicted)	Ncmap	NCMAP	-1.852	
High (predicted)	Pdgfc	PDGFC	1.709	Actin Cytoskeleton Signaling,Amyotrophic Lateral Scle
Moderate (predicted)	Pex5l	PEX5L	1.075	
Moderate (predicted)	Slc36a1	SLC36A1	-1.224	
Moderate (predicted)	Urm1	URM1	1.328	
Moderate (predicted)	Wdr82	WDR82	-1.903	
Moderate (predicted)	Zscan12	ZSCAN12	1.652	
Moderate (predicted)	Arid3a	ARID3A	1.416	
High (predicted)	Ctdspl	CTDSPL	-2.221	
Moderate (predicted)	Cyp26b1	CYP26B1	-1.825	Histidine Degradation VI,Pregnenolone Biosynthesis,U
Moderate (predicted)	Efnb2	EFNB2	1.371	Axonal Guidance Signaling,Ephrin B Signaling,Ephrin F
Moderate (predicted)	Gdf11	GDF11	-1.839	
Moderate (predicted)	H2-Oa	HLA-DOA	-2.151	Allograft Rejection Signaling,Altered T Cell and B Cell S
Moderate (predicted)	Impdh1	IMPDH1	-1.681	Purine Nucleotides De Novo Biosynthesis II,Purine Nuc
Moderate (predicted)	Insm1	INSM1	2.04	
Moderate (predicted)	Kmo	KMO	-2.593	NAD biosynthesis II (from tryptophan),Tryptophan Degr
High (predicted)	Ppfia3	PPFIA3	1.492	3-phosphoinositide Biosynthesis,3-phosphoinositide De
Moderate (predicted)	Rac1	RAC1	1.4	Actin Cytoskeleton Signaling,Actin Nucleation by ARP-
Moderate (predicted)	Rasa3	RASA3	1.401	
High (predicted)	Rasgrp3	RASGRP3	1.752	Systemic Lupus Erythematosus In B Cell Signaling Pat
Moderate (predicted)	Sh3bp4	SH3BP4	1.092	Clathrin-mediated Endocytosis Signaling
High (predicted)	Spn	SPN	2.848	B Cell Development,Leukocyte Extravasation Signaling
Moderate (predicted)	St6gal2	ST6GAL2	1.709	
Moderate (predicted)	Tnfaip8l1	TNFAIP8L1	1.076	
Moderate (predicted)	Adam33	ADAM33	2.163	Axonal Guidance Signaling
Moderate (predicted)	Ado	ADO	2.819	
Moderate (predicted)	Atp13a2	ATP13A2	1.55	
Moderate (predicted)	Atp6v0e2	ATP6V0E2	3.274	Iron homeostasis signaling pathway,Phagosome Matur
Moderate (predicted)	Batf2	BATF2	2.99	
Moderate (predicted)	Bcat2	BCAT2	1.298	Isoleucine Degradation I,Leucine Degradation I,Valine
Experimentally Obser	Bckdk	BCKDK	2.929	
Moderate (predicted)	Ccnyl1	CCNYL1	-1.796	
Moderate (predicted)	Chrd	CHRD	2.64	BMP signaling pathway
High (predicted)	Cybrd1	CYBRD1	-1.853	Iron homeostasis signaling pathway
Moderate (predicted)	Cyp7b1	CYP7B1	-1.608	Hepatic Cholestasis,Histidine Degradation VI,Pregnenc
Moderate (predicted)	Eif4e3	EIF4E3	-2.21	
Moderate (predicted)	Gprc5c	GPRC5C	2.022	
Moderate (predicted)	Hectd3	HECTD3	2.673	
Moderate (predicted)	Idh3g	IDH3G	-3.021	Acute Myeloid Leukemia Signaling,Glioma Signaling,T(
Moderate (predicted)	Igfbp4	IGFBP4	1.045	Hepatic Fibrosis / Hepatic Stellate Cell Activation,IGF-1
Moderate (predicted)	Irf5	IRF5	2.455	Systemic Lupus Erythematosus In B Cell Signaling Pat

Moderate (predicted)	Kcnj16	KCNJ16	1.254	Dopamine-DARPP32 Feedback in cAMP Signaling
Moderate (predicted)	Kctd14	KCTD14	-1.814	
Moderate (predicted)	Klhdc1	KLHDC1	2.674	
Moderate (predicted)	Lrp11	LRP11	1.778	
Moderate (predicted)	Lrrc10b	LRRC10B	-2.121	
Moderate (predicted)	Lrrtm2	LRRTM2	-2.685	Synaptogenesis Signaling Pathway
High (predicted)	Myl3	MYL3	2.623	Actin Cytoskeleton Signaling,Agranulocyte Adhesion a
Moderate (predicted)	Nceh1	NCEH1	-2.141	
High (predicted)	Nphs1	NPHS1	1.219	
Experimentally Obser	Numbl	NUMBL	1.156	Notch Signaling
Moderate (predicted)	Opcml	OPCML	-1.941	
Moderate (predicted)	Olfr733	OR4N2	6.552	
Moderate (predicted)	Plxna2	PLXNA2	-1.101	Axonal Guidance Signaling
Moderate (predicted)	Prok2	PROK2	1.756	
High (predicted)	Rhoj	RHOJ	-1.151	Actin Nucleation by ARP-WASP Complex,Cardiac Hyp
Moderate (predicted)	Samd5	SAMD5	1.742	
High (predicted)	Sft2d1	SFT2D1	2.973	
Moderate (predicted)	Sh2d1b1	SH2D1B	-1.951	Natural Killer Cell Signaling
Moderate (predicted)	Shcbp1	SHCBP1	-1.149	
Moderate (predicted)	Slc39a8	SLC39A8	1.681	Osteoarthritis Pathway
Moderate (predicted)	Stx1b	STX1B	1.107	Synaptogenesis Signaling Pathway
Moderate (predicted)	Tacc1	TACC1	2.044	
Moderate (predicted)	Tead2	TEAD2	-1.014	HIPPO signaling
High (predicted)	Tmem211	TMEM211	1.532	
Moderate (predicted)	Tmem213	TMEM213	1.617	
Moderate (predicted)	Tmtc2	TMTC2	1.5	
Moderate (predicted)	Tnfrsf1b	TNFRSF1B	1.679	Acute Phase Response Signaling,Apoptosis Signaling,
Moderate (predicted)	Urm1	URM1	1.328	
Moderate (predicted)	Vim	VIM	-1.806	14-3-3-mediated Signaling,Endocannabinoid Cancer In
High (predicted)	Zfp827	ZNF827	-1.356	
Moderate (predicted)	Acsbg2	ACSBG2	1.13	Fatty Acid Activation,Fatty Acid β-oxidation I,LPS/IL-1 M
Moderate (predicted)	Adamts14	ADAMTS14	-1.924	Axonal Guidance Signaling
Moderate (predicted)	Aen	AEN	-1.45	
Moderate (predicted)	Akap1	AKAP1	1.1	cAMP-mediated signaling,Cardiac β-adrenergic Signali
Moderate (predicted)	Amer2	AMER2	3.313	
Moderate (predicted)	Ankmy1	ANKMY1	1.465	
Experimentally Obser	Arid3a	ARID3A	1.416	
Moderate (predicted)	Arsi	ARSI	2.674	
Moderate (predicted)	B3galnt2	B3GALNT2	1.082	
Moderate (predicted)	B4galt1	B4GALT1	-5.171	
Moderate (predicted)	Batf2	BATF2	2.99	
Moderate (predicted)	Bckdk	BCKDK	2.929	
Moderate (predicted)	Bcl2l12	BCL2L12	-2.214	
High (predicted)	Bdh1	BDH1	1.159	Ketogenesis,Ketolysis
Moderate (predicted)	Bloc1s3	BLOC1S3	-1.298	
Moderate (predicted)	C5ar2	C5AR2	-1.509	
High (predicted)	D17H6S53	C6orf47	2.464	
Moderate (predicted)	Cars2	CARS2	2.622	tRNA Charging
Experimentally Obser	Cbx7	CBX7	1.192	Senescence Pathway

Moderate (predicted)	Cd300e	CD300E	1.776	
Experimentally Obser	Cebpg	CEBPG	-2.79	Role of Macrophages, Fibroblasts and Endothelial Cell
Moderate (predicted)	Champ1	CHAMP1	1.474	
Moderate (predicted)	Chtf8	CHTF8	1.705	
Moderate (predicted)	Copz1	COPZ1	-1.154	Caveolar-mediated Endocytosis Signaling
Moderate (predicted)	Crb2	CRB2	1.79	
Moderate (predicted)	Creb3l2	CREB3L2	1.613	
Moderate (predicted)	Ctdsp2	CTDSP2	-2.324	
Moderate (predicted)	Ctu1	CTU1	1.475	
High (predicted)	Cyp24a1	CYP24A1	1.655	VDR/RXR Activation
Moderate (predicted)	Dennd6a	DENND6A	-1.028	
Experimentally Obser	Dicer1	DICER1	1.503	
High (predicted)	Enpep	ENPEP	1.028	
Moderate (predicted)	Fam107b	FAM107B	-1.688	
Moderate (predicted)	Fam78a	FAM78A	1.742	
Moderate (predicted)	Galnt7	GALNT7	-2.563	
Moderate (predicted)	Gdf11	GDF11	-1.839	
Moderate (predicted)	Gmfb	GMFB	1.575	
Moderate (predicted)	Hif1an	HIF1AN	-3.331	Hypoxia Signaling in the Cardiovascular System,White
Moderate (predicted)	Iffo1	IFFO1	1.179	
Moderate (predicted)	Jmjd4	JMJD4	1.764	
High (predicted)	Klhl31	KLHL31	-2.085	
Moderate (predicted)	Lifr	LIFR	-1.07	CNTF Signaling,Mouse Embryonic Stem Cell Pluripote
High (predicted)	Lrrc10b	LRRC10B	-2.121	
Moderate (predicted)	Lrrc25	LRRC25	1.314	
Moderate (predicted)	Lurap1l	LURAP1L	1.096	
High (predicted)	Lyzl6	LYZL6	1.655	
Experimentally Obser	Map2k7	MAP2K7	1.325	Acute Myeloid Leukemia Signaling,Acute Phase Respo
High (predicted)	Mapk12	MAPK12	1.73	14-3-3-mediated Signaling,4-1BB Signaling in T Lymph
Moderate (predicted)	Mark1	MARK1	-1.081	Amyloid Processing
Moderate (predicted)	Nckap5l	NCKAP5L	1.421	
Moderate (predicted)	Nfam1	NFAM1	1.629	
Moderate (predicted)	Nkx2-3	NKX2-3	2.296	
Moderate (predicted)	Nudt5	NUDT5	1.58	3-phosphoinositide Biosynthesis,3-phosphoinositide De
Moderate (predicted)	Nup210	NUP210	1.352	
Moderate (predicted)	Ogfr	OGFR	1.618	Opioid Signaling Pathway
High (predicted)	Pcbd2	PCBD2	1.973	Phenylalanine Degradation I (Aerobic),Tyrosine Biosyn
Moderate (predicted)	Pgap3	PGAP3	2.532	
Moderate (predicted)	Phactr3	PHACTR3	1.708	
High (predicted)	Ptpn18	PTPN18	-1.32	Protein Kinase A Signaling
Moderate (predicted)	Rapgef5	RAPGEF5	1.393	
Moderate (predicted)	Rasgrf1	RASGRF1	-3.081	Molecular Mechanisms of Cancer,Synaptogenesis Sigr
Moderate (predicted)	Rassf3	RASSF3	1.09	
Moderate (predicted)	Rbm24	RBM24	2.328	
Moderate (predicted)	Rcvrn	RCVRN	-1.674	Phototransduction Pathway
Moderate (predicted)	Sec14l2	SEC14L2	2.149	
Moderate (predicted)	Sfrp5	SFRP5	2.654	Role of Macrophages, Fibroblasts and Endothelial Cell
Moderate (predicted)	Sh3bp4	SH3BP4	1.092	Clathrin-mediated Endocytosis Signaling
Moderate (predicted)	Slc24a2	SLC24A2	-5.141	

Moderate (predicted)	Slc27a4	SLC27A4	4.62	Fatty Acid Activation,Fatty Acid β-oxidation I,LPS/IL-1 M
Moderate (predicted)	Slc39a8	SLC39A8	1.681	Osteoarthritis Pathway
Moderate (predicted)	Smcr8	SMCR8	1.707	
Experimentally Obser	Smo	SMO	1.168	Adipogenesis pathway,Aldosterone Signaling in Epithe
Moderate (predicted)	Snrpb	SNRPB	-1.924	Systemic Lupus Erythematosus Signaling
High (predicted)	Sstr3	SSTR3	2.457	cAMP-mediated signaling,G-Protein Coupled Receptor
High (predicted)	Syt2	SYT2	-1.826	Synaptogenesis Signaling Pathway,TR/RXR Activation
Moderate (predicted)	Tada2b	TADA2B	3.667	
High (predicted)	Themis2	THEMIS2	2.176	
Moderate (predicted)	Tmem86a	TMEM86A	2.261	
Moderate (predicted)	Tnfrsf1b	TNFRSF1B	1.679	Acute Phase Response Signaling,Apoptosis Signaling,
High (predicted)	Ttc7	TTC7A	3.271	
Moderate (predicted)	Ubtd1	UBTD1	-1.083	
Moderate (predicted)	Usp12	USP12	1.977	Protein Ubiquitination Pathway
Moderate (predicted)	Usp46	USP46	1.06	Protein Ubiquitination Pathway
Moderate (predicted)	Wdr31	WDR31	2.246	
Moderate (predicted)	Zfp704	ZNF704	-1.717	
High (predicted)	Zswim4	ZSWIM4	1.439	
Moderate (predicted)	Camsap1	CAMSAP1	-1.467	
Moderate (predicted)	Egfl7	EGFL7	2.517	
Moderate (predicted)	Hoxa9	HOXA9	2.73	
Experimentally Obser	Irs1	IRS1	2.349	AMPK Signaling,Apelin Liver Signaling Pathway,Cardia
Moderate (predicted)	Magix	MAGIX	-1.228	PTEN Signaling
Moderate (predicted)	Ormdl3	ORMDL3	2.978	
High (predicted)	Plk2	PLK2	2.895	Mitotic Roles of Polo-Like Kinase
Moderate (predicted)	Ptpn18	PTPN18	-1.32	Protein Kinase A Signaling
Experimentally Obser	Spred1	SPRED1	1.131	
Moderate (predicted)	Trim46	TRIM46	2.772	
Moderate (predicted)	Trpc4ap	TRPC4AP	-3.61	
Moderate (predicted)	Zfp131	ZNF131	1.383	
Moderate (predicted)	Arid3c	ARID3C	2.951	
Moderate (predicted)	Atad5	ATAD5	1.07	
Moderate (predicted)	Ate1	ATE1	-2.05	
Moderate (predicted)	Cacna2d1	CACNA2D1	1.498	Androgen Signaling,Calcium Signaling,CCR5 Signaling
Moderate (predicted)	Csad	CSAD	1.135	Taurine Biosynthesis
Moderate (predicted)	Ddost	DDOST	1.671	
Moderate (predicted)	Eef1a1	EEF1A1	-1.18	FAT10 Cancer Signaling Pathway
Moderate (predicted)	Fam107b	FAM107B	-1.688	
Moderate (predicted)	Kpna1	KPNA1	1.057	RAN Signaling
High (predicted)	Ldhb	LDHB	1.569	HIF1α Signaling,Pyruvate Fermentation to Lactate,Sirtu
High (predicted)	Mybpc1	MYBPC1	-1.038	
Moderate (predicted)	Pde10a	PDE10A	1.021	cAMP-mediated signaling,Cardiac Hypertrophy Signalin
Moderate (predicted)	Prim2	PRIM2	1.21	Cell Cycle Control of Chromosomal Replication,NER P
Moderate (predicted)	Rgs10	RGS10	1.059	cAMP-mediated signaling,G-Protein Coupled Receptor
Moderate (predicted)	Rnf145	RNF145	-1.628	
Moderate (predicted)	Snap23	SNAP23	2.58	
Moderate (predicted)	Tbl2	TBL2	1.882	
Moderate (predicted)	Tpd52l1	TPD52L1	-1.138	
Moderate (predicted)	Ttl	TTL	1.504	

Moderate (predicted)	Zfp410	ZNF410	1.054	
Moderate (predicted)	Zfp423	ZNF423	1.669	Adipogenesis pathway,BMP signaling pathway,TGF-β
Moderate (predicted)	Aars2	AARS2	1.056	tRNA Charging
High (predicted)	Abhd12	ABHD12	1.008	Triacylglycerol Degradation
Moderate (predicted)	Acaca	ACACA	1.375	AMPK Signaling,Biotin-carboxyl Carrier Protein Assem
High (predicted)	Adam30	ADAM30	2.483	Axonal Guidance Signaling
Moderate (predicted)	Adamts7	ADAMTS7	-1.665	Axonal Guidance Signaling
Moderate (predicted)	Adat3	ADAT3	1.354	Adenine and Adenosine Salvage III,Adenosine Nucleot
Moderate (predicted)	Adra2a	ADRA2A	3.533	AMPK Signaling,cAMP-mediated signaling,Cardiac Hy
High (predicted)	Ahdc1	AHDC1	-1.442	
Moderate (predicted)	Akap1	AKAP1	1.1	cAMP-mediated signaling,Cardiac β-adrenergic Signali
High (predicted)	Aldoc	ALDOC	2.432	Gluconeogenesis I,Glycolysis I,Sucrose Degradation V
High (predicted)	Ankrd52	ANKRD52	3.073	
Moderate (predicted)	Ano7	ANO7	1.609	
Moderate (predicted)	Arap3	ARAP3	1.113	
Moderate (predicted)	Arhgap44	ARHGAP44	-1.119	
Moderate (predicted)	Atp6v0e2	ATP6V0E2	3.274	Iron homeostasis signaling pathway,Phagosome Matur
Moderate (predicted)	B4galnt4	B4GALNT4	2.424	
Moderate (predicted)	Bahcc1	BAHCC1	1.566	
Moderate (predicted)	Bcat2	BCAT2	1.298	Isoleucine Degradation I,Leucine Degradation I,Valine
Moderate (predicted)	Bloc1s3	BLOC1S3	-1.298	
Moderate (predicted)	D230025D	C16orf70	1.33	
Moderate (predicted)	Cacna1s	CACNA1S	-1.112	Amyotrophic Lateral Sclerosis Signaling,Androgen Sigr
High (predicted)	Cc2d1a	CC2D1A	-1.347	
Moderate (predicted)	Ccdc120	CCDC120	3.25	
High (predicted)	Cd276	CD276	-1.905	
Moderate (predicted)	Cd74	CD74	-1.732	Antigen Presentation Pathway,MIF Regulation of Innat
High (predicted)	Cdip1	CDIP1	-1.153	
Moderate (predicted)	Chl1	CHL1	-1.105	
Moderate (predicted)	Chst2	CHST2	4.256	Chondroitin Sulfate Biosynthesis,Chondroitin Sulfate Bi
Moderate (predicted)	Chtf8	CHTF8	1.705	
Moderate (predicted)	Clcn7	CLCN7	1.795	
Moderate (predicted)	Clip2	CLIP2	1.516	
Moderate (predicted)	Clptm1	CLPTM1	-1.35	
Moderate (predicted)	Cmklr1	CMKLR1	2.475	
High (predicted)	Cmtm7	CMTM7	1.247	
High (predicted)	Cnn2	CNN2	2.189	
Moderate (predicted)	Cntfr	CNTFR	1.347	CNTF Signaling
Moderate (predicted)	Col1a1	COL1A1	-1.239	Apelin Liver Signaling Pathway,Atherosclerosis Signali
Moderate (predicted)	Copz1	COPZ1	-1.154	Caveolar-mediated Endocytosis Signaling
High (predicted)	Csf1	CSF1	3.242	Altered T Cell and B Cell Signaling in Rheumatoid Arth
High (predicted)	Ctdsp1	CTDSP1	-2.744	
High (predicted)	Ctdsp2	CTDSP2	-2.324	
Moderate (predicted)	Cul4a	CUL4A	1.216	NER Pathway
Moderate (predicted)	Cyp2s1	CYP2S1	2.06	Acetone Degradation I (to Methylglyoxal),Bupropion De
Moderate (predicted)	Dctd	DCTD	-1.518	
Moderate (predicted)	Derl3	DERL3	2.995	
Moderate (predicted)	Dhrs13	DHRS13	1.132	
Moderate (predicted)	Dhx58	DHX58	2.41	Activation of IRF by Cytosolic Pattern Recognition Rec

Moderate (predicted)	Dixdc1	DIXDC1	1.874	
High (predicted)	Dyrk1b	DYRK1B	-2.406	Sonic Hedgehog Signaling
Moderate (predicted)	Efnb2	EFNB2	1.371	Axonal Guidance Signaling,Ephrin B Signaling,Ephrin F
High (predicted)	Egfl7	EGFL7	2.517	
Moderate (predicted)	Ehd3	EHD3	3.139	
High (predicted)	Eif4a1	EIF4A1	-1.975	EIF2 Signaling,mTOR Signaling,Regulation of eIF4 anc
Moderate (predicted)	Endov	ENDOV	-3.585	
Moderate (predicted)	Epha8	EPHA8	2.141	Axonal Guidance Signaling,Ephrin A Signaling,Ephrin F
Moderate (predicted)	Ephb4	EPHB4	1.264	Axonal Guidance Signaling,Ephrin B Signaling,Ephrin F
Moderate (predicted)	Ephx1	EPHX1	2.263	NRF2-mediated Oxidative Stress Response
Moderate (predicted)	Epn2	EPN2	-2.78	Epithelial Adherens Junction Signaling,Germ Cell-Sertc
High (predicted)	Evx1	EVX1	2.229	
Moderate (predicted)	Fads6	FADS6	1.088	Oleate Biosynthesis II (Animals)
High (predicted)	Fbxo41	FBXO41	2.269	
Moderate (predicted)	Foxn4	FOXN4	-4.445	
High (predicted)	Foxp4	FOXP4	1.141	
Moderate (predicted)	Frmd3	FRMD3	-1.233	
Moderate (predicted)	Git1	GIT1	1.45	Actin Cytoskeleton Signaling,Axonal Guidance Signalir
Moderate (predicted)	Golga4	GOLGA4	1.19	
High (predicted)	Gpr173	GPR173	-1.86	
Moderate (predicted)	Grem2	GREM2	-1.65	
Moderate (predicted)	H2-Oa	HLA-DOA	-2.151	Allograft Rejection Signaling,Altered T Cell and B Cell S
High (predicted)	Hnrnpul1	HNRNPUL1	1.43	
High (predicted)	Hpca	HPCA	2.613	
Moderate (predicted)	Icam5	ICAM5	1.573	
High (predicted)	Iffo1	IFFO1	1.179	
Moderate (predicted)	Il27	IL27	4.255	Role of Cytokines in Mediating Communication betwee
High (predicted)	Impdh1	IMPDH1	-1.681	Purine Nucleotides De Novo Biosynthesis II,Purine Nuc
Moderate (predicted)	Irf2bp1	IRF2BP1	2.212	
High (predicted)	Itpa	ITPA	1.143	
Moderate (predicted)	Jph4	JPH4	2.658	
Moderate (predicted)	Kcns1	KCNS1	2.578	
Moderate (predicted)	Kctd5	KCTD5	1.307	
Moderate (predicted)	Lancl2	LANCL2	-1.406	
Moderate (predicted)	Lgals12	LGALS12	2.743	
High (predicted)	Lgi3	LGI3	-3.517	
Moderate (predicted)	Lhx6	LHX6	2.182	
High (predicted)	Limk1	LIMK1	1.196	Actin Cytoskeleton Signaling,Axonal Guidance Signalir
Moderate (predicted)	Lmf2	LMF2	3.458	
High (predicted)	Lmtk3	LMTK3	-3.005	IL-15 Production,Sperm Motility
Moderate (predicted)	Lrrc25	LRRC25	1.314	
Moderate (predicted)	Ltf	LTF	1.192	
High (predicted)	Maff	MAFF	1.463	NRF2-mediated Oxidative Stress Response
Moderate (predicted)	Mcfd2	MCFD2	-2.745	
Moderate (predicted)	Mcidas	MCIDAS	2.888	
Moderate (predicted)	Mcm7	MCM7	-2.105	Aryl Hydrocarbon Receptor Signaling,Cell Cycle Contrc
High (predicted)	Mef2d	MEF2D	1.244	Apelin Endothelial Signaling Pathway,Calcium Signalin
High (predicted)	Micall1	MICALL1	-1.06	
High (predicted)	Mknk2	MKNK2	1.518	Cardiac Hypertrophy Signaling (Enhanced),ERK/MAPK

Moderate (predicted)	Mn1	MN1	2.291	
High (predicted)	Mrc2	MRC2	-1.198	Phagosome Formation
Moderate (predicted)	Mrto4	MRTO4	-5.274	
Moderate (predicted)	Myl3	MYL3	2.623	Actin Cytoskeleton Signaling,Agranulocyte Adhesion a
Moderate (predicted)	Naga	NAGA	-2.029	
Moderate (predicted)	Nceh1	NCEH1	-2.141	
High (predicted)	Nfam1	NFAM1	1.629	
High (predicted)	Nit1	NIT1	2.424	
Moderate (predicted)	Nptx2	NPTX2	1.691	
Moderate (predicted)	Numbl	NUMBL	1.156	Notch Signaling
Moderate (predicted)	Nup210	NUP210	1.352	
High (predicted)	Odc1	ODC1	1.833	Polyamine Regulation in Colon Cancer,Putrescine Bios
Moderate (predicted)	Olfml2b	OLFML2B	1.651	
Moderate (predicted)	Opcml	OPCML	-1.941	
Moderate (predicted)	Pacsin1	PACSIN1	1.674	Huntington's Disease Signaling
High (predicted)	Paqr8	PAQR8	-2.153	
Moderate (predicted)	Pbx2	PBX2	2.956	
Moderate (predicted)	Pdpk1	PDPK1	-1.205	Acute Phase Response Signaling,Aldosterone Signalin
Moderate (predicted)	Pex26	PEX26	1.476	
High (predicted)	Pgap3	PGAP3	2.532	
Moderate (predicted)	Pilra	PILRA	3.145	
Moderate (predicted)	Pim1	PIM1	2.501	Acute Myeloid Leukemia Signaling,GM-CSF Signaling,
Moderate (predicted)	Pitpnm2	PITPNM2	1.34	
Moderate (predicted)	Plekho2	PLEKHO2	1.023	
High (predicted)	Ppard	PPARD	-1.541	Osteoarthritis Pathway,PPAR Signaling,VDR/RXR Acti
High (predicted)	Prkaca	PRKACA	1.779	Adrenomedullin signaling pathway,AMPK Signaling,Am
Moderate (predicted)	Prkd2	PRKD2	1.722	
High (predicted)	Prrg2	PRRG2	-1.675	
High (predicted)	Pycr2	PYCR2	-3.82	Arginine Degradation VI (Arginase 2 Pathway),Proline
High (predicted)	Pygm	PYGM	1.155	Glycogen Degradation II,Glycogen Degradation III,Prot
High (predicted)	Rab11b	RAB11B	1.69	Clathrin-mediated Endocytosis Signaling,Fcγ Receptor
Moderate (predicted)	Radil	RADIL	1.638	
High (predicted)	Rbpms2	RBPMS2	1.161	
Moderate (predicted)	Rccd1	RCCD1	1.973	
High (predicted)	Reep5	REEP5	1.926	
Moderate (predicted)	Rnf19b	RNF19B	1.808	
Moderate (predicted)	Samd4b	SAMD4B	1.449	
Moderate (predicted)	Sash3	SASH3	-2.877	
Moderate (predicted)	Scn1b	SCN1B	1.981	
Moderate (predicted)	Sec16b	SEC16B	2.018	
High (predicted)	Sept9	SEPTIN9	1.495	RhoA Signaling,Signaling by Rho Family GTPases
Moderate (predicted)	Slc24a4	SLC24A4	2.052	
Moderate (predicted)	Slc27a4	SLC27A4	4.62	Fatty Acid Activation,Fatty Acid β-oxidation I,LPS/IL-1
Moderate (predicted)	Slc2a4	SLC2A4	2.123	Adipogenesis pathway,AMPK Signaling,Antioxidant Ac
High (predicted)	Slc30a2	SLC30A2	2.49	
Moderate (predicted)	Slc35c2	SLC35C2	-1.29	
Moderate (predicted)	Slc39a2	SLC39A2	3.662	
Moderate (predicted)	Smg9	SMG9	2.646	
High (predicted)	Smtnl1	SMTNL1	2.107	

Moderate (predicted)	Snta1	SNTA1	-1.209	nNOS Signaling in Skeletal Muscle Cells
Moderate (predicted)	Socs3	SOCS3	1.798	3-phosphoinositide Biosynthesis,3-phosphoinositide De
Moderate (predicted)	Sox13	SOX13	4.495	Wnt/β-catenin Signaling
High (predicted)	Spata2l	SPATA2L	4.121	
High (predicted)	Ssna1	SSNA1	-3.174	
Moderate (predicted)	Stk24	STK24	1.2	
Moderate (predicted)	Sufu	SUFU	1.055	Axonal Guidance Signaling,Basal Cell Carcinoma Sign
Moderate (predicted)	Syde2	SYDE2	1.408	
Moderate (predicted)	Syt2	SYT2	-1.826	Synaptogenesis Signaling Pathway,TR/RXR Activation
Moderate (predicted)	Tcaim	TCAIM	1.283	
High (predicted)	Tead2	TEAD2	-1.014	HIPPO signaling
High (predicted)	Thbs3	THBS3	1.481	Synaptogenesis Signaling Pathway
Moderate (predicted)	Tmbim6	TMBIM6	1.502	
High (predicted)	Tmem151b	TMEM151B	-1.011	
Moderate (predicted)	Tmem214	TMEM214	2.504	
High (predicted)	Tnfaip8l1	TNFAIP8L1	1.076	
Moderate (predicted)	Tnfrsf13c	TNFRSF13C	3.015	Altered T Cell and B Cell Signaling in Rheumatoid Arth
Moderate (predicted)	Tnfrsf14	TNFRSF14	3.796	Atherosclerosis Signaling,NF-κB Activation by Viruses,
Moderate (predicted)	Tns4	TNS4	-1.381	
Moderate (predicted)	Trp53inp2	TP53INP2	2.938	
Moderate (predicted)	Tpd52l1	TPD52L1	-1.138	
High (predicted)	Trim11	TRIM11	1.795	
Moderate (predicted)	Trim40	TRIM40	-2.325	
Moderate (predicted)	Trim46	TRIM46	2.772	
Moderate (predicted)	Trim58	TRIM58	2.18	
Moderate (predicted)	Trpc4ap	TRPC4AP	-3.61	
Moderate (predicted)	Tspan15	TSPAN15	1.18	
High (predicted)	Tubb6	TUBB6	2.136	14-3-3-mediated Signaling,Axonal Guidance Signaling,
Moderate (predicted)	Unc5a	UNC5A	1.082	Axonal Guidance Signaling,Netrin Signaling
Moderate (predicted)	Unc93b1	UNC93B1	1.947	
High (predicted)	Urm1	URM1	1.328	
High (predicted)	Vgf	VGF	2.479	White Adipose Tissue Browning Pathway
Moderate (predicted)	Ydjc	YDJC	2.09	
Moderate (predicted)	Zbtb16	ZBTB16	1.535	RAR Activation
High (predicted)	Zfpl1	ZFPL1	-2.433	
Moderate (predicted)	Zfp787	ZNF787	-1.576	

rosis Signaling,Atherosclerosis Signaling,Axonal Guidance Signaling,Bladder Cancer Signaling,Clathrin-mediat

biquinol-10 Biosynthesis (Eukaryotic)
Receptor Signaling,Synaptogenesis Signaling Pathway

Signaling in Rheumatoid Arthritis,Antigen Presentation Pathway,Autoimmune Thyroid Disease Signaling,B Cell
cleotides Degradation II (Aerobic),Urate Biosynthesis/Inosine 5'-phosphate Degradation

radation III (Eukaryotic),Tryptophan Degradation to 2-amino-3-carboxymuconate Semialdehyde
egradation,D-myo-inositol (1,4,5,6)-Tetrakisphosphate Biosynthesis,D-myo-inositol (3,4,5,6)-tetrakisphosphate
WASP Complex,Agrin Interactions at Neuromuscular Junction,Amyotrophic Lateral Sclerosis Signaling,Axonal

hway

g

ation

Degradation I

olone Biosynthesis,Ubiquinol-10 Biosynthesis (Eukaryotic)

CA Cycle II (Eukaryotic)
l Signaling
hway

nd Diapedesis,Apelin Cardiomyocyte Signaling Pathway,Axonal Guidance Signaling,Calcium Signaling,Cardiac

ertrophy Signaling,Cholecystokinin/Gastrin-mediated Signaling,Colorectal Cancer Metastasis Signaling,CXCR4

Cardiac Hypertrophy Signaling (Enhanced),Ceramide Signaling,Crosstalk between Dendritic Cells and Natural

ıhibition Pathway,HOTAIR Regulatory Pathway,ILK Signaling,Signaling by Rho Family GTPases

Mediated Inhibition of RXR Function,Mitochondrial L-carnitine Shuttle Pathway,Stearate Biosynthesis I (Animals

ng,Protein Kinase A Signaling

s in Rheumatoid Arthritis,Unfolded protein response

Adipose Tissue Browning Pathway

ncy,Role of NANOG in Mammalian Embryonic Stem Cell Pluripotency

onse Signaling,Adrenomedullin signaling pathway,Apoptosis Signaling,April Mediated Signaling,B Cell Activatin
ıocytes,Activation of IRF by Cytosolic Pattern Recognition Receptors,Acute Phase Response Signaling,Adrenc

egradation,D-myo-inositol (1,4,5,6)-Tetrakisphosphate Biosynthesis,D-myo-inositol (3,4,5,6)-tetrakisphosphate

thesis IV

naling Pathway

s in Rheumatoid Arthritis,Role of Osteoblasts, Osteoclasts and Chondrocytes in Rheumatoid Arthritis,Wnt/β-cat

Mediated Inhibition of RXR Function,Mitochondrial L-carnitine Shuttle Pathway,Stearate Biosynthesis I (Animals

lial Cells,Axonal Guidance Signaling,Basal Cell Carcinoma Signaling,Cardiac Hypertrophy Signaling (Enhanced

Signaling,Gαi Signaling

Cardiac Hypertrophy Signaling (Enhanced),Ceramide Signaling,Crosstalk between Dendritic Cells and Natural

ac Hypertrophy Signaling,GDNF Family Ligand-Receptor Interactions,Growth Hormone Signaling,IGF-1 Signali

in Macrophages,Corticotropin Releasing Hormone Signaling,CREB Signaling in Neurons,Endocannabinoid Ne

in Signaling Pathway,White Adipose Tissue Browning Pathway

ng (Enhanced),Cardiac β-adrenergic Signaling,G-Protein Coupled Receptor Signaling,Gustation Pathway,Prote
athway
Signaling,Gαi Signaling,Opioid Signaling Pathway

Signaling

bly,LXR/RXR Activation,TR/RXR Activation

tides Degradation II,Purine Nucleotides Degradation II (Aerobic),Purine Ribonucleosides Degradation to Ribose
pertrophy Signaling,Cardiac Hypertrophy Signaling (Enhanced),G-Protein Coupled Receptor Signaling,Gαi Sig

ng,Protein Kinase A Signaling
(Mammalian)

ation

Degradation I

naling,Calcium Signaling,Cardiac Hypertrophy Signaling,Cardiac Hypertrophy Signaling (Enhanced),Cardiac β-

e Immunity,MIF-mediated Glucocorticoid Regulation

iosynthesis (Late Stages),Dermatan Sulfate Biosynthesis,Dermatan Sulfate Biosynthesis (Late Stages),Hepara

ng,Dendritic Cell Maturation,GP6 Signaling Pathway,Hepatic Fibrosis / Hepatic Stellate Cell Activation,Hepatic

ritis,Atherosclerosis Signaling,Hematopoiesis from Multipotent Stem Cells,Hematopoiesis from Pluripotent Ster

egradation,Estrogen Biosynthesis,Glutaryl-CoA Degradation,Melatonin Degradation I,Nicotine Degradation II,Ni

eptors,Role of RIG1-like Receptors in Antiviral Innate Immunity

Receptor Signaling,Synaptogenesis Signaling Pathway

d p70S6K Signaling

Receptor Signaling,IL-15 Production,Sperm Motility,Synaptogenesis Signaling Pathway
Receptor Signaling,IL-15 Production,Sperm Motility,Synaptogenesis Signaling Pathway

oli Cell Junction Signaling,Sertoli Cell-Sertoli Cell Junction Signaling

ıg,Integrin Signaling,PAK Signaling

Signaling in Rheumatoid Arthritis,Antigen Presentation Pathway,Autoimmune Thyroid Disease Signaling,B Cell

n Immune Cells,Th1 and Th2 Activation Pathway,Th1 Pathway
cleotides Degradation II (Aerobic),Urate Biosynthesis/Inosine 5'-phosphate Degradation

ıg,Breast Cancer Regulation by Stathmin1,CCR3 Signaling in Eosinophils,Cdc42 Signaling,Chemokine Signalir

ol of Chromosomal Replication
g,Calcium-induced T Lymphocyte Apoptosis,Cardiac Hypertrophy Signaling,Cardiac Hypertrophy Signaling (Er

C Signaling,p38 MAPK Signaling

nd Diapedesis,Apelin Cardiomyocyte Signaling Pathway,Axonal Guidance Signaling,Calcium Signaling,Cardiac

synthesis III

g in Epithelial Cells,AMPK Signaling,B Cell Receptor Signaling,CD28 Signaling in T Helper Cells,Docosahexae

Pyridoxal 5'-phosphate Salvage Pathway,Salvage Pathways of Pyrimidine Ribonucleotides,STAT3 Pathway

vation,Wnt/β-catenin Signaling
yloid Processing,Androgen Signaling,Apelin Adipocyte Signaling Pathway,Apelin Pancreas Signaling Pathway

Biosynthesis I,Proline Biosynthesis II (from Arginine)
ein Kinase A Signaling,α-Adrenergic Signaling
-mediated Phagocytosis in Macrophages and Monocytes

Mediated Inhibition of RXR Function,Mitochondrial L-carnitine Shuttle Pathway,Stearate Biosynthesis I (Animals
tion of Vitamin C,Apelin Muscle Signaling Pathway,Growth Hormone Signaling,HIF1α Signaling,Hypoxia Signa

egradation,Acute Phase Response Signaling,D-myo-inositol (1,4,5,6)-Tetrakisphosphate Biosynthesis,D-myo-ir

aling,Molecular Mechanisms of Cancer,Sonic Hedgehog Signaling

ritis,B Cell Activating Factor Signaling,Communication between Innate and Adaptive Immune Cells,Primary Imr
T Cell Exhaustion Signaling Pathway

Breast Cancer Regulation by Stathmin1,Epithelial Adherens Junction Signaling,Gap Junction Signaling,Germ (

ed Endocytosis Signaling,Colorectal Cancer Metastasis Signaling,Endocannabinoid Cancer Inhibition Pathway

Development,Calcium-induced T Lymphocyte Apoptosis,CD28 Signaling in T Helper Cells,Cdc42 Signaling,De

Biosynthesis,D-myo-inositol-5-phosphate Metabolism,Superpathway of Inositol Phosphate Compounds
Guidance Signaling,B Cell Receptor Signaling,Breast Cancer Regulation by Stathmin1,Cardiac Hypertrophy Si

: Hypertrophy Signaling,Cdc42 Signaling,Cellular Effects of Sildenafil (Viagra),CXCR4 Signaling,Epithelial Adhe

l Signaling,Germ Cell-Sertoli Cell Junction Signaling,Glioblastoma Multiforme Signaling,Glioma Invasiveness S

Killer Cells,Death Receptor Signaling,Dendritic Cell Maturation,FAT10 Cancer Signaling Pathway,Granulocyte

s),Type II Diabetes Mellitus Signaling,γ-linolenate Biosynthesis II (Animals)

g Factor Signaling,B Cell Receptor Signaling,Cardiac Hypertrophy Signaling,Cardiac Hypertrophy Signaling (E
medullin signaling pathway,Agrin Interactions at Neuromuscular Junction,AMPK Signaling,Amyloid Processing

Biosynthesis,D-myo-inositol-5-phosphate Metabolism,Pyrimidine Ribonucleotides De Novo Biosynthesis,Pyrimi

tenin Signaling

s),Type II Diabetes Mellitus Signaling,γ-linolenate Biosynthesis II (Animals)

d),Colorectal Cancer Metastasis Signaling,Corticotropin Releasing Hormone Signaling,Factors Promoting Card

Killer Cells,Death Receptor Signaling,Dendritic Cell Maturation,FAT10 Cancer Signaling Pathway,Granulocyte

ng,IL-4 Signaling,IL-9 Signaling,ILK Signaling,Insulin Receptor Signaling,Molecular Mechanisms of Cancer,mT

euronal Synapse Pathway,FcγRIIB Signaling in B Lymphocytes,G Beta Gamma Signaling,GABA Receptor Sigr

ein Kinase A Signaling,Relaxin Signaling,tRNA Splicing

e-1-phosphate
naling,α-Adrenergic Signaling

adrenergic Signaling,CCR5 Signaling in Macrophages,Cellular Effects of Sildenafil (Viagra),Corticotropin Relea

n Sulfate Biosynthesis,Heparan Sulfate Biosynthesis (Late Stages),LPS/IL-1 Mediated Inhibition of RXR Funct

Fibrosis Signaling Pathway,HOTAIR Regulatory Pathway,IL-6 Signaling,Intrinsic Prothrombin Activation Pathw

n Cells,Hepatic Fibrosis / Hepatic Stellate Cell Activation,Macropinocytosis Signaling,MSP-RON Signaling Path

icotine Degradation III,Prostanoid Biosynthesis,Superpathway of Melatonin Degradation,Tryptophan Degradati

Development,Calcium-induced T Lymphocyte Apoptosis,CD28 Signaling in T Helper Cells,Cdc42 Signaling,De

ıg,Death Receptor Signaling,Ephrin A Signaling,Ephrin B Signaling,Ephrin Receptor Signaling,Germ Cell-Sertc

ıhanced),Cholecystokinin/Gastrin-mediated Signaling,Corticotropin Releasing Hormone Signaling,ERK5 Signal

: Hypertrophy Signaling,Cdc42 Signaling,Cellular Effects of Sildenafil (Viagra),CXCR4 Signaling,Epithelial Adhe

enoic Acid (DHA) Signaling,EIF2 Signaling,Endometrial Cancer Signaling,eNOS Signaling,ErbB Signaling,ErbB

,Axonal Guidance Signaling,BMP signaling pathway,Breast Cancer Regulation by Stathmin1,Calcium Signaling

s),Type II Diabetes Mellitus Signaling,γ-linolenate Biosynthesis II (Animals)
ling in the Cardiovascular System,Insulin Receptor Signaling,Melatonin Signaling,Type II Diabetes Mellitus Sig

nositol (3,4,5,6)-tetrakisphosphate Biosynthesis,D-myo-inositol-5-phosphate Metabolism,Erythropoietin Signalin

nunodeficiency Signaling,Systemic Lupus Erythematosus In B Cell Signaling Pathway,Systemic Lupus Erythem

Cell-Sertoli Cell Junction Signaling,Phagosome Maturation,Remodeling of Epithelial Adherens Junctions,Sertoli

,eNOS Signaling,Ephrin Receptor Signaling,Glioblastoma Multiforme Signaling,Glioma Signaling,Hepatic Fibro

endritic Cell Maturation,Graft-versus-Host Disease Signaling,iCOS-iCOSL Signaling in T Helper Cells,IL-4 Signa

gnaling,CCR3 Signaling in Eosinophils,CD28 Signaling in T Helper Cells,Cholecystokinin/Gastrin-mediated Sig

erens Junction Signaling,Gα12/13 Signaling,Hepatic Fibrosis / Hepatic Stellate Cell Activation,Hepatic Fibrosis

ignaling,Gαq Signaling,Hepatic Fibrosis Signaling Pathway,HMGB1 Signaling,IL-8 Signaling,ILK Signaling,Inte

Adhesion and Diapedesis,Hepatic Cholestasis,Hepatic Fibrosis / Hepatic Stellate Cell Activation,Hepatic Fibro

nhanced),CD27 Signaling in Lymphocytes,CD40 Signaling,Death Receptor Signaling,EGF Signaling,Endocann
,Antioxidant Action of Vitamin C,Apelin Adipocyte Signaling Pathway,Apelin Cardiomyocyte Signaling Pathway

idine Ribonucleotides Interconversion,Superpathway of Inositol Phosphate Compounds

iogenesis in Vertebrates,Glioblastoma Multiforme Signaling,Hepatic Fibrosis Signaling Pathway,Human Embry

Adhesion and Diapedesis,Hepatic Cholestasis,Hepatic Fibrosis / Hepatic Stellate Cell Activation,Hepatic Fibro

OR Signaling,p70S6K Signaling,PI3K Signaling in B Lymphocytes,PPARα/RXRα Activation,Prolactin Signaling

naling,GNRH Signaling,GPCR-Mediated Nutrient Sensing in Enteroendocrine Cells,Gustation Pathway,Netrin S

ısing Hormone Signaling,CREB Signaling in Neurons,Dopamine-DARPP32 Feedback in cAMP Signaling,Endo

ion,Xenobiotic Metabolism Signaling

ay,Role of Osteoblasts, Osteoclasts and Chondrocytes in Rheumatoid Arthritis

ıway,Role of Macrophages, Fibroblasts and Endothelial Cells in Rheumatoid Arthritis,Role of Osteoblasts, Oste

ɔn III (Eukaryotic)

endritic Cell Maturation,Graft-versus-Host Disease Signaling,iCOS-iCOSL Signaling in T Helper Cells,IL-4 Signa

oli Cell Junction Signaling,IL-8 Signaling,PAK Signaling,Pyridoxal 5'-phosphate Salvage Pathway,Rac Signaling

ing,Gα12/13 Signaling,Nur77 Signaling in T Lymphocytes,p38 MAPK Signaling,Phospholipase C Signaling,Rol

erens Junction Signaling,Gα12/13 Signaling,Hepatic Fibrosis / Hepatic Stellate Cell Activation,Hepatic Fibrosis

2-ErbB3 Signaling,ErbB4 Signaling,Erythropoietin Signaling,FAK Signaling,Fc Epsilon RI Signaling,FcγRIIB Sig

g,cAMP-mediated signaling,Cardiac Hypertrophy Signaling,Cardiac Hypertrophy Signaling (Enhanced),Cardiac

naling,Vitamin-C Transport

ıg,Growth Hormone Signaling,IGF-1 Signaling,IL-10 Signaling,IL-22 Signaling,IL-23 Signaling Pathway,IL-6 Sig

natosus Signaling

i Cell-Sertoli Cell Junction Signaling

sis / Hepatic Stellate Cell Activation,Hepatic Fibrosis Signaling Pathway,HIF1α Signaling,Human Embryonic St

aling,Neuroinflammation Signaling Pathway,Nur77 Signaling in T Lymphocytes,OX40 Signaling Pathway,PD-1,

naling,Clathrin-mediated Endocytosis Signaling,Colorectal Cancer Metastasis Signaling,CXCR4 Signaling,End

Signaling Pathway,ILK Signaling,PAK Signaling,Phospholipase C Signaling,Protein Kinase A Signaling,Regula

grin Signaling,Molecular Mechanisms of Cancer,mTOR Signaling,Phagosome Formation,Phospholipase C Sig

sis Signaling Pathway,HMGB1 Signaling,IL-6 Signaling,Induction of Apoptosis by HIV1,Inhibition of ARE-Media

ıabinoid Cancer Inhibition Pathway,Endocannabinoid Developing Neuron Pathway,Fc Epsilon RI Signaling,Ger
,Apelin Endothelial Signaling Pathway,Apelin Liver Signaling Pathway,Apelin Pancreas Signaling Pathway,Apr

onic Stem Cell Pluripotency,Molecular Mechanisms of Cancer,Mouse Embryonic Stem Cell Pluripotency,Ostec

sis Signaling Pathway,HMGB1 Signaling,IL-6 Signaling,Induction of Apoptosis by HIV1,Inhibition of ARE-Media

,Regulation of eIF4 and p70S6K Signaling,Role of JAK1 and JAK3 in γc Cytokine Signaling,Role of JAK2 in Hc

Signaling,nNOS Signaling in Skeletal Muscle Cells,Opioid Signaling Pathway,PKCθ Signaling in T Lymphocytes

cannabinoid Neuronal Synapse Pathway,FcγRIIB Signaling in B Lymphocytes,G Beta Gamma Signaling,GABA

eoclasts and Chondrocytes in Rheumatoid Arthritis,Role of Tissue Factor in Cancer

aling,Neuroinflammation Signaling Pathway,Nur77 Signaling in T Lymphocytes,OX40 Signaling Pathway,PD-1,

g,Reelin Signaling in Neurons,Regulation of Actin-based Motility by Rho,RhoA Signaling,RhoGDI Signaling,Role

le of NFAT in Cardiac Hypertrophy,Role of NFAT in Regulation of the Immune Response

Signaling Pathway,ILK Signaling,PAK Signaling,Phospholipase C Signaling,Protein Kinase A Signaling,Regula

gnaling in B Lymphocytes,FLT3 Signaling in Hematopoietic Progenitor Cells,G Beta Gamma Signaling,G-Protei

β-adrenergic Signaling,CDK5 Signaling,Cellular Effects of Sildenafil (Viagra),Colorectal Cancer Metastasis Sig

naling,IL-9 Signaling,Insulin Receptor Signaling,JAK/Stat Signaling,Leptin Signaling in Obesity,Prolactin Signa

em Cell Pluripotency,IL-8 Signaling,ILK Signaling,Macropinocytosis Signaling,mTOR Signaling,Nitric Oxide Sig

PD-L1 cancer immunotherapy pathway,PKCθ Signaling in T Lymphocytes,Role of NFAT in Regulation of the I

locannabinoid Developing Neuron Pathway,Ephrin A Signaling,Ephrin B Signaling,Ephrin Receptor Signaling,E

ıtion of Actin-based Motility by Rho,RhoA Signaling,RhoGDI Signaling,Signaling by Rho Family GTPases,Thror

naling,Production of Nitric Oxide and Reactive Oxygen Species in Macrophages,Regulation of Actin-based Mot

ated mRNA Degradation Pathway,LPS/IL-1 Mediated Inhibition of RXR Function,LXR/RXR Activation,NF-κB Sig

m Cell-Sertoli Cell Junction Signaling,Glucocorticoid Receptor Signaling,GNRH Signaling,Gα12/13 Signaling,H
il Mediated Signaling,ATM Signaling,B Cell Activating Factor Signaling,B Cell Receptor Signaling,BMP signalin

arthritis Pathway,Ovarian Cancer Signaling,PCP pathway,Protein Kinase A Signaling,Protein Ubiquitination Pa

ated mRNA Degradation Pathway,LPS/IL-1 Mediated Inhibition of RXR Function,LXR/RXR Activation,NF-κB Si

rmone-like Cytokine Signaling,SAPK/JNK Signaling,Type II Diabetes Mellitus Signaling

s,Role of NFAT in Cardiac Hypertrophy,Synaptic Long Term Depression,Synaptogenesis Signaling Pathway,Ty

ı Receptor Signaling,GNRH Signaling,GPCR-Mediated Nutrient Sensing in Enteroendocrine Cells,Gustation Pa

PD-L1 cancer immunotherapy pathway,PKCθ Signaling in T Lymphocytes,Role of NFAT in Regulation of the I

e of Tissue Factor in Cancer,Salvage Pathways of Pyrimidine Ribonucleotides,Semaphorin Signaling in Neuror

ıtion of Actin-based Motility by Rho,RhoA Signaling,RhoGDI Signaling,Signaling by Rho Family GTPases,Thror

in Coupled Receptor Signaling,Germ Cell-Sertoli Cell Junction Signaling,GP6 Signaling Pathway,Growth Horm

ınaling,Corticotropin Releasing Hormone Signaling,CREB Signaling in Neurons,Dopamine Receptor Signaling,

ling,Role of JAK family kinases in IL-6-type Cytokine Signaling,Role of JAK1 and JAK3 in γc Cytokine Signaling

naling in the Cardiovascular System,Osteoarthritis Pathway,Ovarian Cancer Signaling,PAK Signaling,Pancreat

mmune Response,Systemic Lupus Erythematosus In T Cell Signaling Pathway,T Cell Exhaustion Signaling Pa

pithelial Adherens Junction Signaling,ERK/MAPK Signaling,FAK Signaling,Fc Epsilon RI Signaling,Fcγ Recept

ɲbin Signaling,Tight Junction Signaling

:ility by Rho,RhoGDI Signaling,Semaphorin Signaling in Neurons,Signaling by Rho Family GTPases,Sphingosi

gnaling,Osteoarthritis Pathway,p38 MAPK Signaling,PD-1, PD-L1 cancer immunotherapy pathway,PPAR Signa

epatic Fibrosis Signaling Pathway,HGF Signaling,HMGB1 Signaling,Huntington's Disease Signaling,IL-1 Signa
g pathway,Cardiac Hypertrophy Signaling,Cardiac Hypertrophy Signaling (Enhanced),CCR3 Signaling in Eosin

ıthway,Regulation of the Epithelial-Mesenchymal Transition Pathway,Role of Macrophages, Fibroblasts and En

gnaling,Osteoarthritis Pathway,p38 MAPK Signaling,PD-1, PD-L1 cancer immunotherapy pathway,PPAR Signa

ype II Diabetes Mellitus Signaling,White Adipose Tissue Browning Pathway

athway,Hepatic Fibrosis Signaling Pathway,Maturity Onset Diabetes of Young (MODY) Signaling,Netrin Signali

mmune Response,Systemic Lupus Erythematosus In T Cell Signaling Pathway,T Cell Exhaustion Signaling Pa

ıs,Signaling by Rho Family GTPases,Synaptogenesis Signaling Pathway

nbin Signaling,Tight Junction Signaling

one Signaling,Human Embryonic Stem Cell Pluripotency,Huntington's Disease Signaling,iCOS-iCOSL Signalin

Dopamine-DARPP32 Feedback in cAMP Signaling,Endocannabinoid Cancer Inhibition Pathway,Endocannabir

g,Role of JAK2 in Hormone-like Cytokine Signaling,Role of Macrophages, Fibroblasts and Endothelial Cells in F

tic Adenocarcinoma Signaling,PDGF Signaling,PPAR Signaling,Role of Macrophages, Fibroblasts and Endothe

thway,T Helper Cell Differentiation,Th1 and Th2 Activation Pathway,Th1 Pathway,Th2 Pathway,Type I Diabete

or-mediated Phagocytosis in Macrophages and Monocytes,FGF Signaling,fMLP Signaling in Neutrophils,GDNF

ne-1-phosphate Signaling,Sumoylation Pathway,Systemic Lupus Erythematosus In T Cell Signaling Pathway,T

aling,Production of Nitric Oxide and Reactive Oxygen Species in Macrophages,Role of Macrophages, Fibroblas

ıling,IL-15 Production,IL-6 Signaling,Induction of Apoptosis by HIV1,LPS/IL-1 Mediated Inhibition of RXR Funct
ophils,CCR5 Signaling in Macrophages,CD27 Signaling in Lymphocytes,CD28 Signaling in T Helper Cells,CD4

dothelial Cells in Rheumatoid Arthritis,Role of NANOG in Mammalian Embryonic Stem Cell Pluripotency,Role c

aling,Production of Nitric Oxide and Reactive Oxygen Species in Macrophages,Role of Macrophages, Fibroblas

ng,Nitric Oxide Signaling in the Cardiovascular System,nNOS Signaling in Skeletal Muscle Cells,Opioid Signali

thway,T Helper Cell Differentiation,Th1 and Th2 Activation Pathway,Th1 Pathway,Th2 Pathway,Type I Diabete

g in T Helper Cells,IGF-1 Signaling,IL-7 Signaling Pathway,ILK Signaling,Insulin Receptor Signaling,Lymphotox

noid Developing Neuron Pathway,Endocannabinoid Neuronal Synapse Pathway,eNOS Signaling,ERK/MAPK S

Rheumatoid Arthritis,STAT3 Pathway,Superpathway of Inositol Phosphate Compounds,Th1 and Th2 Activation

elial Cells in Rheumatoid Arthritis,Sphingosine-1-phosphate Signaling,VEGF Signaling

s Mellitus Signaling

F Family Ligand-Receptor Interactions,Germ Cell-Sertoli Cell Junction Signaling,Glioblastoma Multiforme Signa

ec Kinase Signaling,Thrombin Signaling

sts and Endothelial Cells in Rheumatoid Arthritis,Role of Osteoblasts, Osteoclasts and Chondrocytes in Rheum

ion,Melatonin Signaling,Neurotrophin/TRK Signaling,NF-κB Signaling,NRF2-mediated Oxidative Stress Respor
40 Signaling,Cdc42 Signaling,CDK5 Signaling,Chemokine Signaling,Cholecystokinin/Gastrin-mediated Signalin

of Osteoblasts, Osteoclasts and Chondrocytes in Rheumatoid Arthritis,Role of Wnt/GSK-3β Signaling in the Pat

sts and Endothelial Cells in Rheumatoid Arthritis,Role of Osteoblasts, Osteoclasts and Chondrocytes in Rheum

ng Pathway,PKCθ Signaling in T Lymphocytes,Role of NFAT in Cardiac Hypertrophy,Senescence Pathway,Sy

s Mellitus Signaling

kin β Receptor Signaling,mTOR Signaling,Neuregulin Signaling,Neurotrophin/TRK Signaling,NGF Signaling,No

signaling,G Beta Gamma Signaling,G-Protein Coupled Receptor Signaling,Gap Junction Signaling,Glucocortico

Pathway,Th1 Pathway,Th17 Activation Pathway,Th2 Pathway,Type I Diabetes Mellitus Signaling,Type II Diab

ıling,Glioma Invasiveness Signaling,Glucocorticoid Receptor Signaling,GNRH Signaling,GP6 Signaling Pathwa

atoid Arthritis,T Helper Cell Differentiation,Tight Junction Signaling,TNFR2 Signaling,Type I Diabetes Mellitus S

nse,Opioid Signaling Pathway,PFKFB4 Signaling Pathway,PPARα/RXRα Activation,Production of Nitric Oxide
ıg,Colorectal Cancer Metastasis Signaling,Corticotropin Releasing Hormone Signaling,CXCR4 Signaling,Dendr

thogenesis of Influenza,Sonic Hedgehog Signaling,Wnt/Ca+ pathway,Wnt/β-catenin Signaling

atoid Arthritis,T Helper Cell Differentiation,Tight Junction Signaling,TNFR2 Signaling,Type I Diabetes Mellitus S

naptic Long Term Depression,Type II Diabetes Mellitus Signaling,White Adipose Tissue Browning Pathway

n-Small Cell Lung Cancer Signaling,p70S6K Signaling,PI3K Signaling in B Lymphocytes,PI3K/AKT Signaling,F

id Receptor Signaling,GNRH Signaling,GPCR-Mediated Integration of Enteroendocrine Signaling Exemplified I

etes Mellitus Signaling

y,Gαq Signaling,Hepatic Fibrosis Signaling Pathway,HGF Signaling,HMGB1 Signaling,iCOS-iCOSL Signaling i

Signaling,Type II Diabetes Mellitus Signaling

and Reactive Oxygen Species in Macrophages,Rac Signaling,RANK Signaling in Osteoclasts,Reelin Signaling
itic Cell Maturation,EGF Signaling,Endocannabinoid Developing Neuron Pathway,Endocannabinoid Neuronal S

Signaling,Type II Diabetes Mellitus Signaling

Prolactin Signaling,Prostate Cancer Signaling,PTEN Signaling,RAR Activation,Regulation of eIF4 and p70S6K S

by an L Cell,GPCR-Mediated Nutrient Sensing in Enteroendocrine Cells,Gustation Pathway,Gαi Signaling,Gαs

in T Helper Cells,IL-3 Signaling,IL-8 Signaling,ILK Signaling,Integrin Signaling,Leukocyte Extravasation Signali

in Neurons,Regulation of IL-2 Expression in Activated and Anergic T Lymphocytes,Regulation of the Epithelial·
Synapse Pathway,Endothelin-1 Signaling,ErbB Signaling,Fc Epsilon RI Signaling,FcγRIIB Signaling in B Lympl

Signaling,Systemic Lupus Erythematosus In B Cell Signaling Pathway,Telomerase Signaling,Thrombin Signalir

Signaling,Hepatic Cholestasis,Hepatic Fibrosis Signaling Pathway,IGF-1 Signaling,IL-1 Signaling,Inhibition of A

ng,LPS-stimulated MAPK Signaling,Macropinocytosis Signaling,Molecular Mechanisms of Cancer,mTOR Signa

-Mesenchymal Transition Pathway,Role of Macrophages, Fibroblasts and Endothelial Cells in Rheumatoid Arth
nocytes,FGF Signaling,FLT3 Signaling in Hematopoietic Progenitor Cells,FXR/RXR Activation,GDNF Family Li

ıg,Type II Diabetes Mellitus Signaling

ARE-Mediated mRNA Degradation Pathway,Insulin Receptor Signaling,Leptin Signaling in Obesity,Melanocyte

aling,Natural Killer Cell Signaling,Netrin Signaling,NGF Signaling,Opioid Signaling Pathway,Osteoarthritis Path

ıritis,Role of MAPK Signaling in the Pathogenesis of Influenza,Role of NFAT in Cardiac Hypertrophy,Role of Os
gand-Receptor Interactions,Germ Cell-Sertoli Cell Junction Signaling,Glucocorticoid Receptor Signaling,GNRH

Development and Pigmentation Signaling,Melatonin Signaling,Molecular Mechanisms of Cancer,Netrin Signali

way,PAK Signaling,Pancreatic Adenocarcinoma Signaling,Paxillin Signaling,PCP pathway,PEDF Signaling,Pha

steoblasts, Osteoclasts and Chondrocytes in Rheumatoid Arthritis,SAPK/JNK Signaling,Senescence Pathway,S
Signaling,Gα12/13 Signaling,Hepatic Cholestasis,Hepatic Fibrosis Signaling Pathway,HGF Signaling,HIF1α S

ing,Neuropathic Pain Signaling In Dorsal Horn Neurons,Neuroprotective Role of THOP1 in Alzheimer's Disease

agosome Formation,Phospholipase C Signaling,PI3K Signaling in B Lymphocytes,PKCθ Signaling in T Lympho

Sertoli Cell-Sertoli Cell Junction Signaling,Signaling by Rho Family GTPases,Sperm Motility,Systemic Lupus Er
ignaling,HMGB1 Signaling,IL-1 Signaling,IL-10 Signaling,IL-12 Signaling and Production in Macrophages,IL-15

e,NF-κB Signaling,Nitric Oxide Signaling in the Cardiovascular System,Opioid Signaling Pathway,Ovarian Canc

cytes,Production of Nitric Oxide and Reactive Oxygen Species in Macrophages,PTEN Signaling,Rac Signaling

ythematosus In T Cell Signaling Pathway,Type I Diabetes Mellitus Signaling,Type II Diabetes Mellitus Signaling
Signaling,IL-17 Signaling,IL-17A Signaling in Airway Cells,IL-17A Signaling in Fibroblasts,IL-17A Signaling in

:er Signaling,P2Y Purigenic Receptor Signaling Pathway,PFKFB4 Signaling Pathway,Phototransduction Pathw

,RAR Activation,Reelin Signaling in Neurons,Regulation of Actin-based Motility by Rho,Regulation of IL-2 Expr

g,Unfolded protein response,Xenobiotic Metabolism Signaling
Gastric Cells,IL-22 Signaling,IL-6 Signaling,IL-7 Signaling Pathway,IL-8 Signaling,ILK Signaling,Induction of Ap

ay,PPARα/RXRα Activation,Protein Kinase A Signaling,PXR/RXR Activation,RAR Activation,Relaxin Signaling

ession in Activated and Anergic T Lymphocytes,Renal Cell Carcinoma Signaling,Renin-Angiotensin Signaling,F

,Renin-Angiotensin Signaling,Role of NFAT in Cardiac Hypertrophy,Sertoli Cell-Sertoli Cell Junction Signaling,S

RhoGDI Signaling,Role of Macrophages, Fibroblasts and Endothelial Cells in Rheumatoid Arthritis,Role of p14/

Sonic Hedgehog Signaling,Sperm Motility,Synaptic Long Term Potentiation,Synaptogenesis Signaling Pathway

p19ARF in Tumor Suppression,Role of Tissue Factor in Cancer,SAPK/JNK Signaling,Semaphorin Signaling in

',Tight Junction Signaling,White Adipose Tissue Browning Pathway,α-Adrenergic Signaling

Neurons,Sertoli Cell-Sertoli Cell Junction Signaling,Signaling by Rho Family GTPases,Sphingosine-1-phospha

te Signaling,STAT3 Pathway,Sumoylation Pathway,Synaptogenesis Signaling Pathway,Systemic Lupus Erythe

ematosus In B Cell Signaling Pathway,Systemic Lupus Erythematosus In T Cell Signaling Pathway,T Cell Rece

ptor Signaling,Tec Kinase Signaling,Thrombin Signaling,Tight Junction Signaling,Virus Entry via Endocytic Pat

ID	Symbol	Expr Log F	Source
mmu-let-7d-3p	let-7d-3p (miRNAs w/seed UAUACGA)	2.445	TargetScan Human
mmu-let-7d-3p	let-7d-3p (miRNAs w/seed UAUACGA)	2.445	TargetScan Human
mmu-let-7d-3p	let-7d-3p (miRNAs w/seed UAUACGA)	2.445	TargetScan Human
mmu-let-7d-3p	let-7d-3p (miRNAs w/seed UAUACGA)	2.445	TargetScan Human
mmu-let-7d-3p	let-7d-3p (miRNAs w/seed UAUACGA)	2.445	TargetScan Human
mmu-let-7d-3p	let-7d-3p (miRNAs w/seed UAUACGA)	2.445	TargetScan Human
mmu-let-7d-3p	let-7d-3p (miRNAs w/seed UAUACGA)	2.445	TargetScan Human
mmu-let-7d-3p	let-7d-3p (miRNAs w/seed UAUACGA)	2.445	TargetScan Human
mmu-let-7d-3p	let-7d-3p (miRNAs w/seed UAUACGA)	2.445	TargetScan Human
mmu-miR-99b-5p	miR-100-5p (and other miRNAs w/seed	1.363	TargetScan Human
mmu-miR-99b-5p	miR-100-5p (and other miRNAs w/seed	1.363	TargetScan Human
mmu-miR-99b-5p	miR-100-5p (and other miRNAs w/seed	1.363	TargetScan Human
mmu-miR-99b-5p	miR-100-5p (and other miRNAs w/seed	1.363	TargetScan Human
mmu-miR-99b-5p	miR-100-5p (and other miRNAs w/seed	1.363	TargetScan Human
mmu-miR-99b-5p	miR-100-5p (and other miRNAs w/seed	1.363	TargetScan Human
mmu-miR-99b-5p	miR-100-5p (and other miRNAs w/seed	1.363	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGL	-3.189	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGL	-3.189	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGL	-3.189	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGL	-3.189	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGL	-3.189	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGL	-3.189	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGL	-3.189	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGL	-3.189	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGL	-3.189	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGL	-3.189	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGL	-3.189	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGL	-3.189	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGL	-3.189	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGL	-3.189	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGL	-3.189	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGL	-3.189	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGL	-3.189	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGL	-3.189	TargetScan Human
mmu-mir-122	miR-122-5p (miRNAs w/seed GGAGUGL	-3.189	TargetScan Human
mmu-miR-351-5p	miR-125b-5p (and other miRNAs w/see	3.017	TargetScan Human
mmu-miR-351-5p	miR-125b-5p (and other miRNAs w/see	3.017	TargetScan Human
mmu-miR-351-5p	miR-125b-5p (and other miRNAs w/see	3.017	TargetScan Human
mmu-miR-351-5p	miR-125b-5p (and other miRNAs w/see	3.017	TargetScan Human
mmu-miR-351-5p	miR-125b-5p (and other miRNAs w/see	3.017	miRecords
mmu-miR-351-5p	miR-125b-5p (and other miRNAs w/see	3.017	TargetScan Human
mmu-miR-351-5p	miR-125b-5p (and other miRNAs w/see	3.017	TargetScan Human
mmu-miR-351-5p	miR-125b-5p (and other miRNAs w/see	3.017	TargetScan Human
mmu-miR-351-5p	miR-125b-5p (and other miRNAs w/see	3.017	TargetScan Human
mmu-miR-351-5p	miR-125b-5p (and other miRNAs w/see	3.017	TargetScan Human
mmu-miR-351-5p	miR-125b-5p (and other miRNAs w/see	3.017	TargetScan Human
mmu-miR-351-5p	miR-125b-5p (and other miRNAs w/see	3.017	TargetScan Human
mmu-miR-351-5p	miR-125b-5p (and other miRNAs w/see	3.017	TargetScan Human
mmu-miR-351-5p	miR-125b-5p (and other miRNAs w/see	3.017	TargetScan Human
mmu-miR-351-5p	miR-125b-5p (and other miRNAs w/see	3.017	TargetScan Human
mmu-miR-351-5p	miR-125b-5p (and other miRNAs w/see	3.017	TargetScan Human
mmu-miR-351-5p	miR-125b-5p (and other miRNAs w/see	3.017	TargetScan Human
mmu-miR-351-5p	miR-125b-5p (and other miRNAs w/see	3.017	TargetScan Human
mmu-miR-351-5p	miR-125b-5p (and other miRNAs w/see	3.017	TargetScan Human
mmu-miR-351-5p	miR-125b-5p (and other miRNAs w/see	3.017	TargetScan Human

mmu-miR-351-5p	miR-125b-5p (and other miRNAs w/see	3.017	TargetScan Human
mmu-miR-351-5p	miR-125b-5p (and other miRNAs w/see	3.017	TargetScan Human
mmu-miR-351-5p	miR-125b-5p (and other miRNAs w/see	3.017	TargetScan Human
mmu-miR-351-5p	miR-125b-5p (and other miRNAs w/see	3.017	TargetScan Human
mmu-miR-351-5p	miR-125b-5p (and other miRNAs w/see	3.017	TargetScan Human
mmu-miR-351-5p	miR-125b-5p (and other miRNAs w/see	3.017	TargetScan Human
mmu-miR-351-5p	miR-125b-5p (and other miRNAs w/see	3.017	TargetScan Human
mmu-miR-351-5p	miR-125b-5p (and other miRNAs w/see	3.017	TargetScan Human
mmu-miR-126a-3p	miR-126a-3p (and other miRNAs w/see	-4.493	TargetScan Human
mmu-miR-126a-3p	miR-126a-3p (and other miRNAs w/see	-4.493	TargetScan Human
mmu-miR-126a-3p	miR-126a-3p (and other miRNAs w/see	-4.493	TargetScan Human
mmu-miR-126a-3p	miR-126a-3p (and other miRNAs w/see	-4.493	TarBase
mmu-miR-126a-3p	miR-126a-3p (and other miRNAs w/see	-4.493	TargetScan Human,miRecords
mmu-miR-126a-3p	miR-126a-3p (and other miRNAs w/see	-4.493	TargetScan Human
mmu-miR-126a-3p	miR-126a-3p (and other miRNAs w/see	-4.493	TargetScan Human
mmu-miR-6240	miR-330-3p (and other miRNAs w/seed	-3.144	TargetScan Human
mmu-miR-6240	miR-330-3p (and other miRNAs w/seed	-3.144	TargetScan Human
mmu-miR-6240	miR-330-3p (and other miRNAs w/seed	-3.144	TargetScan Human
mmu-miR-6240	miR-330-3p (and other miRNAs w/seed	-3.144	TargetScan Human
mmu-miR-6240	miR-330-3p (and other miRNAs w/seed	-3.144	TargetScan Human
mmu-miR-6240	miR-330-3p (and other miRNAs w/seed	-3.144	TargetScan Human
mmu-miR-6240	miR-330-3p (and other miRNAs w/seed	-3.144	TargetScan Human
mmu-miR-6240	miR-330-3p (and other miRNAs w/seed	-3.144	TargetScan Human
mmu-miR-6240	miR-330-3p (and other miRNAs w/seed	-3.144	TargetScan Human
mmu-miR-6240	miR-330-3p (and other miRNAs w/seed	-3.144	TargetScan Human
mmu-miR-6240	miR-330-3p (and other miRNAs w/seed	-3.144	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human

mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human
mmu-miR-423-5p	miR-423-5p (and other miRNAs w/see	1.237	TargetScan Human

Confidenc	ID	Symbol	Expr Log F	Pathway
Moderate (	Atmin	ATMIN	-1.76	Role of CHK Proteins in Cell Cycle Checkpoint Control
Moderate (	Fam133b	FAM133B	-1.123	
Moderate (	Gata4	GATA4	1.839	Cardiac Hypertrophy Signaling,Cardiac Hypertrophy Signaling (En
Moderate (	Ncmap	NCMAP	-3.618	
Moderate (	Pm20d2	PM20D2	1.99	
Moderate (	Ribc2	RIBC2	-1.619	
Moderate (	Slc36a1	SLC36A1	-2.042	
High (pred	Tfrc	TFRC	2.66	Clathrin-mediated Endocytosis Signaling,Hepatic Fibrosis Signalin
Moderate (	Wdr82	WDR82	-1.654	
Moderate (	Cyp26b1	CYP26B1	1.911	Histidine Degradation VI,Pregnenolone Biosynthesis,Ubiquinol-10
Moderate (	Gdf11	GDF11	-2.756	
Moderate (	Get4	GET4	1.764	
High (pred	Rasgrp3	RASGRP3	1.695	Systemic Lupus Erythematosus In B Cell Signaling Pathway
Moderate (	St6gal2	ST6GAL2	2.686	
Moderate (	Ubxn10	UBXN10	-2.612	
Moderate (	Zkscan17	ZNF496	-3.498	
Moderate (	Atp6v0e2	ATP6V0E2	2.325	Iron homeostasis signaling pathway,Phagosome Maturation
Moderate (	Batf2	BATF2	2.177	
Moderate (	Ccnyl1	CCNYL1	-2.045	
Moderate (	Cyp7b1	CYP7B1	1.025	Hepatic Cholestasis,Histidine Degradation VI,Pregnenolone Biosy
Moderate (	Gpr157	GPR157	2.212	
Moderate (	Hnrnpu	HNRNPU	-1.407	
Moderate (	Klhdc1	KLHDC1	1.407	
Moderate (	Nceh1	NCEH1	-1.538	
Moderate (	Opcml	OPCML	-1.954	
Moderate (	Pcyox1	PCYOX1	1.5	Atherosclerosis Signaling,Clathrin-mediated Endocytosis Signalin
Moderate (	Plag1	PLAG1	-1.656	
Moderate (	Plcb3	PLCB3	1.771	14-3-3-mediated Signaling,Adrenomedullin signaling pathway,Ald
Moderate (	Plxna2	PLXNA2	-1.964	Axonal Guidance Signaling
Moderate (	Ribc2	RIBC2	-1.619	
Moderate (	Shcbp1	SHCBP1	1.965	
High (pred	Tbr1	TBR1	2.53	
Moderate (	Tfrc	TFRC	2.66	Clathrin-mediated Endocytosis Signaling,Hepatic Fibrosis Signalin
High (pred	Tmem211	TMEM211	1.936	
Moderate (	Tmtc2	TMTC2	1.795	
Moderate (	Adamts14	ADAMTS1	-3.638	Axonal Guidance Signaling
Moderate (	B4galt1	B4GALT1	-4.655	
Moderate (	Batf2	BATF2	2.177	
Moderate (	E130309D	C7orf26	-2.184	
Experimen	Cdk6	CDK6	-2.047	Aryl Hydrocarbon Receptor Signaling,Cell Cycle Control of Chrom
Moderate (	Cyth1	CYTH1	-1.168	
Moderate (	Fam107b	FAM107B	-1.146	
Moderate (	Gdf11	GDF11	-2.756	
Moderate (	Gpr157	GPR157	2.212	
Moderate (	Hist1h4n	H4C13	-3.363	DNA Methylation and Transcriptional Repression Signaling,NER P
Moderate (	Hif1an	HIF1AN	-4.268	Hypoxia Signaling in the Cardiovascular System,White Adipose Ti
Moderate (	Iba57	IBA57	-3.349	
Moderate (	Igsf11	IGSF11	-1.174	
Moderate (	Kif18b	KIF18B	-1.434	
High (pred	Mapk12	MAPK12	1.502	14-3-3-mediated Signaling,4-1BB Signaling in T Lymphocytes,Acti
Moderate (	Mdc1	MDC1	-1.952	ATM Signaling,Role of BRCA1 in DNA Damage Response,Role o
High (pred	Ms4a3	MS4A3	-3.47	
High (pred	Ptpn18	PTPN18	-2.395	Protein Kinase A Signaling
Moderate (	Rasal2	RASAL2	-1.787	
Moderate (	Rasgrf1	RASGRF1	-3.334	Molecular Mechanisms of Cancer,Synaptogenesis Signaling Path

Moderate (	Rbm24	RBM24	2.519	
Moderate (	Sel1l	SEL1L	-2.155	Unfolded protein response
Moderate (	Slc24a2	SLC24A2	-4.493	
Moderate (	Slc27a4	SLC27A4	2.963	Fatty Acid Activation,Fatty Acid β-oxidation I,LPS/IL-1 Mediated In
Moderate (	Slc45a3	SLC45A3	-1.427	
High (pred	Syt2	SYT2	-1.147	Synaptogenesis Signaling Pathway,TR/RXR Activation
High (pred	Wars	WARS1	3.026	EIF2 Signaling,tRNA Charging
Moderate (	Zfp704	ZNF704	-2.822	
Moderate (	Egfl7	EGFL7	-3.199	
Moderate (	Kif18b	KIF18B	-1.434	
Moderate (	Ptpn18	PTPN18	-2.395	Protein Kinase A Signaling
Experimen	Slc45a3	SLC45A3	-1.427	
Experimen	Spred1	SPRED1	1.08	
Moderate (	Tmem132b	TMEM132	-1.172	
Moderate (	Trpc4ap	TRPC4AP	-2.757	
Moderate (	Angel2	ANGEL2	-1.733	
Moderate (	Ate1	ATE1	-2.223	
Moderate (	Fam107b	FAM107B	-1.146	
Moderate (	Fn1	FN1	1.278	Actin Cytoskeleton Signaling,Acute Phase Response Signaling,Ag
Moderate (	Hnrnpu	HNRNPU	-1.407	
Moderate (	Ptbp2	PTBP2	-1.138	
Moderate (	Rnf145	RNF145	-1.154	
Moderate (	Tfrc	TFRC	2.66	Clathrin-mediated Endocytosis Signaling,Hepatic Fibrosis Signalin
Moderate (	Tmem56	TLCD4	2.432	
Moderate (	Tpd52l1	TPD52L1	-1.808	
Moderate (	Wars	WARS1	3.026	EIF2 Signaling,tRNA Charging
Moderate (	Adamts7	ADAMTS7	-1.614	Axonal Guidance Signaling
High (pred	Ahdc1	AHDC1	-1.205	
Moderate (	Arhgap44	ARHGAP4	-3.236	
Moderate (	Atp6v0e2	ATP6V0E2	2.325	Iron homeostasis signaling pathway,Phagosome Maturation
Moderate (	Bahcc1	BAHCC1	1.404	
Moderate (	Bloc1s2	BLOC1S2	3.595	
Moderate (	E130309D	C7orf26	-2.184	
Moderate (	Chl1	CHL1	-1.612	
Moderate (	Clcn7	CLCN7	1.689	
Moderate (	Clip2	CLIP2	1.197	
Moderate (	Cntfr	CNTFR	1.428	CNTF Signaling
High (pred	Csf1	CSF1	3.156	Altered T Cell and B Cell Signaling in Rheumatoid Arthritis,Atheros
Moderate (	Cyth1	CYTH1	-1.168	
Moderate (	Dab2ip	DAB2IP	-1.133	
Moderate (	Dctd	DCTD	-2.019	
Moderate (	Dixdc1	DIXDC1	1.698	
High (pred	Dyrk1b	DYRK1B	-2.137	Sonic Hedgehog Signaling
High (pred	Egfl7	EGFL7	-3.199	
Moderate (	Endov	ENDOV	-3.421	
Moderate (	Epha10	EPHA10	-1.724	Axonal Guidance Signaling,Ephrin A Signaling,Ephrin Receptor Si
Moderate (	Ephb4	EPHB4	1.58	Axonal Guidance Signaling,Ephrin B Signaling,Ephrin Receptor Si
Moderate (	Foxn4	FOXN4	-3.316	
High (pred	Gpr173	GPR173	-1.148	
High (pred	Hpca	HPCA	3.613	
Moderate (	Htr3a	HTR3A	2.235	Calcium Signaling,Serotonin Receptor Signaling
Moderate (	Kcns1	KCNS1	3.47	
Moderate (	Klhl38	KLHL38	-7.362	
Moderate (	Lgals12	LGALS12	2.528	
Moderate (	Lhx6	LHX6	2.259	
High (pred	Lmtk3	LMTK3	-1.996	IL-15 Production,Sperm Motility

High (pred	Map6d1	MAP6D1	3.681	
Moderate (	Mcidas	MCIDAS	3.381	
Moderate (	Mcm7	MCM7	-1.446	Aryl Hydrocarbon Receptor Signaling,Cell Cycle Control of Chrom
Moderate (	Mn1	MN1	1.842	
High (pred	Mrc2	MRC2	-2.088	Phagosome Formation
Moderate (	Mrto4	MRTO4	-3.492	
Moderate (	Mvk	MVK	-1.089	Mevalonate Pathway I,Superpathway of Cholesterol Biosynthesis,
Moderate (	Naga	NAGA	-5.906	
Moderate (	Nceh1	NCEH1	-1.538	
High (pred	Ntn1	NTN1	1.08	Axonal Guidance Signaling,Netrin Signaling,Protein Kinase A Sigr
High (pred	Odc1	ODC1	3.197	Polyamine Regulation in Colon Cancer,Putrescine Biosynthesis III
Moderate (	Olfml2b	OLFML2B	1.641	
Moderate (	Opcml	OPCML	-1.954	
High (pred	Pacs1	PACS1	-1.279	
Moderate (	Pacsin1	PACSIN1	1.672	Huntington's Disease Signaling
High (pred	Paqr8	PAQR8	-2.205	
Moderate (	Pcgf3	PCGF3	1.37	
Moderate (	Pcyox1	PCYOX1	1.5	Atherosclerosis Signaling,Clathrin-mediated Endocytosis Signalin
Moderate (	Pdgfrb	PDGFRB	-1.719	Apelin Liver Signaling Pathway,Glioblastoma Multiforme Signaling
Moderate (	Pdpk1	PDPK1	-2.256	Acute Phase Response Signaling,Aldosterone Signaling in Epithe
High (pred	Ppard	PPARD	-2.308	Osteoarthritis Pathway,PPAR Signaling,VDR/RXR Activation,Wnt/
High (pred	Prkar1b	PRKAR1B	-1.269	Adrenomedullin signaling pathway,AMPK Signaling,Amyloid Proce
Moderate (	Prkd2	PRKD2	1.588	
High (pred	Rab11b	RAB11B	1.763	Clathrin-mediated Endocytosis Signaling,Fcγ Receptor-mediated I
Moderate (	Rasal2	RASAL2	-1.787	
Moderate (	Rccd1	RCCD1	1.536	
Moderate (	Rps6ka2	RPS6KA2	1.483	CNTF Signaling,ERK5 Signaling,FLT3 Signaling in Hematopoietic
Moderate (	Sash3	SASH3	-3.46	
Moderate (	Scara3	SCARA3	-2.066	Phagosome Formation
Moderate (	Scn1b	SCN1B	1.964	
High (pred	Scrt1	SCRT1	-1.68	
High (pred	Sept9	SEPTIN9	1.267	RhoA Signaling,Signaling by Rho Family GTPases
Moderate (	Slc27a4	SLC27A4	2.963	Fatty Acid Activation,Fatty Acid β-oxidation I,LPS/IL-1 Mediated In
High (pred	Slc30a2	SLC30A2	1.837	
Moderate (	Slc35c2	SLC35C2	-1.194	
Moderate (	Smad7	SMAD7	1.862	BMP signaling pathway,Hepatic Fibrosis / Hepatic Stellate Cell Ac
Moderate (	Sox13	SOX13	3.797	Wnt/β-catenin Signaling
Moderate (	Syt2	SYT2	-1.147	Synaptogenesis Signaling Pathway,TR/RXR Activation
Moderate (	Tbr1	TBR1	2.53	
Moderate (	Tgfbr2	TGFBR2	2.084	Antiproliferative Role of TOB in T Cell Signaling,Cardiac Hypertrop
High (pred	Tmem151b	TMEM151	-1.541	
Moderate (	Tnfrsf13c	TNFRSF1	5.591	Altered T Cell and B Cell Signaling in Rheumatoid Arthritis,B Cell A
Moderate (	Tpd52l1	TPD52L1	-1.808	
Moderate (	Trim58	TRIM58	1.755	
Moderate (	Trpc4ap	TRPC4AP	-2.757	
High (pred	Wnt3a	WNT3A	-2.169	Axonal Guidance Signaling,Basal Cell Carcinoma Signaling,Cardia

ıhanced),Cardiomyocyte Differentiation via BMP Receptors,Embryonic Stem Cell Differentiation into Cardiac Li

ıg Pathway,Iron homeostasis signaling pathway,Virus Entry via Endocytic Pathways

Biosynthesis (Eukaryotic)

ınthesis,Ubiquinol-10 Biosynthesis (Eukaryotic)

g,FXR/RXR Activation,IL-12 Signaling and Production in Macrophages,LXR/RXR Activation,Production of Nitric

osterone Signaling in Epithelial Cells,Antioxidant Action of Vitamin C,Apelin Cardiomyocyte Signaling Pathway,

ıg Pathway,Iron homeostasis signaling pathway,Virus Entry via Endocytic Pathways

osomal Replication,Cell Cycle: G1/S Checkpoint Regulation,Chronic Myeloid Leukemia Signaling,Cyclins and C

Pathway,Transcriptional Regulatory Network in Embryonic Stem Cells
ssue Browning Pathway

ivation of IRF by Cytosolic Pattern Recognition Receptors,Acute Phase Response Signaling,Adrenomedullin si
f CHK Proteins in Cell Cycle Checkpoint Control

way

ıhibition of RXR Function,Mitochondrial L-carnitine Shuttle Pathway,Stearate Biosynthesis I (Animals),Type II D

ɡranulocyte Adhesion and Diapedesis,Hepatic Fibrosis / Hepatic Stellate Cell Activation,ILK Signaling,Osteoartl

ıg Pathway,Iron homeostasis signaling pathway,Virus Entry via Endocytic Pathways

sclerosis Signaling,Hematopoiesis from Multipotent Stem Cells,Hematopoiesis from Pluripotent Stem Cells,Hep

ignaling,Synaptogenesis Signaling Pathway
ignaling,IL-15 Production,Sperm Motility,Synaptogenesis Signaling Pathway

osomal Replication

Superpathway of Geranylgeranyldiphosphate Biosynthesis I (via Mevalonate)

naling

g,FXR/RXR Activation,IL-12 Signaling and Production in Macrophages,LXR/RXR Activation,Production of Nitric
,Glioma Signaling,Hepatic Fibrosis / Hepatic Stellate Cell Activation,Hepatic Fibrosis Signaling Pathway,Huma
lial Cells,AMPK Signaling,B Cell Receptor Signaling,CD28 Signaling in T Helper Cells,Docosahexaenoic Acid (
'β-catenin Signaling
essing,Androgen Signaling,Apelin Adipocyte Signaling Pathway,Apelin Pancreas Signaling Pathway,Axonal Gu

Phagocytosis in Macrophages and Monocytes

Progenitor Cells,Growth Hormone Signaling,Melanocyte Development and Pigmentation Signaling,MSP-RON

hibition of RXR Function,Mitochondrial L-carnitine Shuttle Pathway,Stearate Biosynthesis I (Animals),Type II D

tivation,Hepatic Fibrosis Signaling Pathway,Human Embryonic Stem Cell Pluripotency,Molecular Mechanisms

phy Signaling,Cardiac Hypertrophy Signaling (Enhanced),Chronic Myeloid Leukemia Signaling,Colorectal Canc

Activating Factor Signaling,Communication between Innate and Adaptive Immune Cells,Primary Immunodeficie

ac Hypertrophy Signaling (Enhanced),Colorectal Cancer Metastasis Signaling,Glioblastoma Multiforme Signalir

neages,Factors Promoting Cardiogenesis in Vertebrates,Role of NANOG in Mammalian Embryonic Stem Cell F

: Oxide and Reactive Oxygen Species in Macrophages

Apelin Endothelial Signaling Pathway,Axonal Guidance Signaling,Breast Cancer Regulation by Stathmin1,Carc

Cell Cycle Regulation,Glioblastoma Multiforme Signaling,Glioma Signaling,HER-2 Signaling in Breast Cancer,H

gnaling pathway,Agrin Interactions at Neuromuscular Junction,AMPK Signaling,Amyloid Processing,Antioxidan

iabetes Mellitus Signaling,γ-linolenate Biosynthesis II (Animals)

hritis Pathway,Phagosome Formation,Role of Macrophages, Fibroblasts and Endothelial Cells in Rheumatoid A

atic Fibrosis / Hepatic Stellate Cell Activation,Macropinocytosis Signaling,MSP-RON Signaling Pathway,Role o

: Oxide and Reactive Oxygen Species in Macrophages
n Embryonic Stem Cell Pluripotency,IL-15 Production,Iron homeostasis signaling pathway,NF-κB Signaling,PAI
DHA) Signaling,EIF2 Signaling,Endometrial Cancer Signaling,eNOS Signaling,ErbB Signaling,ErbB2-ErbB3 Si

ıidance Signaling,BMP signaling pathway,Breast Cancer Regulation by Stathmin1,Calcium Signaling,cAMP-me

Signaling Pathway,mTOR Signaling,NGF Signaling,Opioid Signaling Pathway,p38 MAPK Signaling,Role of IL-

ɔiabetes Mellitus Signaling,γ-linolenate Biosynthesis II (Animals)

of Cancer,Osteoarthritis Pathway,RAR Activation,Senescence Pathway,TGF-β Signaling

:er Metastasis Signaling,Epithelial Adherens Junction Signaling,Factors Promoting Cardiogenesis in Vertebrate

ency Signaling,Systemic Lupus Erythematosus In B Cell Signaling Pathway,Systemic Lupus Erythematosus Sig

ıg,Hepatic Fibrosis Signaling Pathway,HOTAIR Regulatory Pathway,Human Embryonic Stem Cell Pluripotency

Pluripotency,Role of NFAT in Cardiac Hypertrophy,Role of NFAT in Regulation of the Immune Response,Senes

diac Hypertrophy Signaling,Cardiac Hypertrophy Signaling (Enhanced),CCR3 Signaling in Eosinophils,Cellular

Hereditary Breast Cancer Signaling,Molecular Mechanisms of Cancer,Non-Small Cell Lung Cancer Signaling,Py

nt Action of Vitamin C,Apelin Adipocyte Signaling Pathway,Apelin Cardiomyocyte Signaling Pathway,Apelin Enc

rthritis

of Macrophages, Fibroblasts and Endothelial Cells in Rheumatoid Arthritis,Role of Osteoblasts, Osteoclasts and

K Signaling,PDGF Signaling,PPAR Signaling,PTEN Signaling,Regulation of the Epithelial-Mesenchymal Transi
gnaling,ErbB4 Signaling,Erythropoietin Signaling,FAK Signaling,Fc Epsilon RI Signaling,FcγRIIB Signaling in B

ediated signaling,Cardiac Hypertrophy Signaling,Cardiac Hypertrophy Signaling (Enhanced),Cardiac β-adrenerg

17F in Allergic Inflammatory Airway Diseases,Role of Tissue Factor in Cancer,UVA-Induced MAPK Signaling

s,FAT10 Cancer Signaling Pathway,Germ Cell-Sertoli Cell Junction Signaling,Glucocorticoid Receptor Signalin

gnaling

,Molecular Mechanisms of Cancer,Mouse Embryonic Stem Cell Pluripotency,Osteoarthritis Pathway,Ovarian C

scence Pathway,Thrombin Signaling,Transcriptional Regulatory Network in Embryonic Stem Cells

Effects of Sildenafil (Viagra),Chemokine Signaling,Cholecystokinin/Gastrin-mediated Signaling,CREB Signaling

ridoxal 5'-phosphate Salvage Pathway,Regulation of Cellular Mechanics by Calpain Protease,Salvage Pathwa

dothelial Signaling Pathway,Apelin Liver Signaling Pathway,Apelin Pancreas Signaling Pathway,April Mediated

d Chondrocytes in Rheumatoid Arthritis,Role of Tissue Factor in Cancer

tion Pathway,Sperm Motility,Sphingosine-1-phosphate Signaling,STAT3 Pathway
Lymphocytes,FLT3 Signaling in Hematopoietic Progenitor Cells,G Beta Gamma Signaling,G-Protein Coupled

gic Signaling,CDK5 Signaling,Cellular Effects of Sildenafil (Viagra),Colorectal Cancer Metastasis Signaling,Cort

g,Hepatic Fibrosis / Hepatic Stellate Cell Activation,Hepatic Fibrosis Signaling Pathway,Human Embryonic Ste

Cancer Signaling,PCP pathway,Regulation of the Epithelial-Mesenchymal Transition Pathway,Role of Macropha

g in Neurons,CXCR4 Signaling,D-myo-inositol (1,4,5)-Trisphosphate Biosynthesis,D-myo-inositol-5-phosphate I

ıys of Pyrimidine Ribonucleotides,Senescence Pathway,Small Cell Lung Cancer Signaling

Signaling,ATM Signaling,B Cell Activating Factor Signaling,B Cell Receptor Signaling,BMP signaling pathway,

Receptor Signaling,Germ Cell-Sertoli Cell Junction Signaling,GP6 Signaling Pathway,Growth Hormone Signali

ticotropin Releasing Hormone Signaling,CREB Signaling in Neurons,Dopamine Receptor Signaling,Dopamine-

m Cell Pluripotency,Inhibition of Angiogenesis by TSP1,Molecular Mechanisms of Cancer,Neuroinflammation S

ages, Fibroblasts and Endothelial Cells in Rheumatoid Arthritis,Role of NANOG in Mammalian Embryonic Stem

Metabolism,Dendritic Cell Maturation,Dopamine-DARPP32 Feedback in cAMP Signaling,Endocannabinoid Neu

Cardiac Hypertrophy Signaling,Cardiac Hypertrophy Signaling (Enhanced),CCR3 Signaling in Eosinophils,CCR

ng,Human Embryonic Stem Cell Pluripotency,Huntington's Disease Signaling,iCOS-iCOSL Signaling in T Help

DARPP32 Feedback in cAMP Signaling,Endocannabinoid Cancer Inhibition Pathway,Endocannabinoid Develo

Signaling Pathway,NF-κB Signaling,Osteoarthritis Pathway,p38 MAPK Signaling,Pancreatic Adenocarcinoma S

Cell Pluripotency,Role of Osteoblasts, Osteoclasts and Chondrocytes in Rheumatoid Arthritis,Role of Wnt/GSI

ıronal Synapse Pathway,Endothelin-1 Signaling,fMLP Signaling in Neutrophils,G Protein Signaling Mediated by

R5 Signaling in Macrophages,CD27 Signaling in Lymphocytes,CD28 Signaling in T Helper Cells,CD40 Signaling

er Cells,IGF-1 Signaling,IL-7 Signaling Pathway,ILK Signaling,Insulin Receptor Signaling,Lymphotoxin β Recep

ping Neuron Pathway,Endocannabinoid Neuronal Synapse Pathway,eNOS Signaling,ERK/MAPK Signaling,G

ignaling,PPARα/RXRα Activation,Protein Kinase A Signaling,PTEN Signaling,Regulation of IL-2 Expression in

K-3β Signaling in the Pathogenesis of Influenza,Wnt/β-catenin Signaling

y Tubby,G-Protein Coupled Receptor Signaling,Gap Junction Signaling,Glioblastoma Multiforme Signaling,GNF

g,Cdc42 Signaling,CDK5 Signaling,Chemokine Signaling,Cholecystokinin/Gastrin-mediated Signaling,Colorecta

otor Signaling,mTOR Signaling,Neuregulin Signaling,Neurotrophin/TRK Signaling,NGF Signaling,Non-Small Ce

Beta Gamma Signaling,G-Protein Coupled Receptor Signaling,Gap Junction Signaling,GNRH Signaling,GPCR

Activated and Anergic T Lymphocytes,Regulation of the Epithelial-Mesenchymal Transition Pathway,Role of N

RH Signaling,GPCR-Mediated Integration of Enteroendocrine Signaling Exemplified by an L Cell,GPCR-Mediat

al Cancer Metastasis Signaling,Corticotropin Releasing Hormone Signaling,CXCR4 Signaling,Dendritic Cell Ma

ll Lung Cancer Signaling,p70S6K Signaling,PI3K Signaling in B Lymphocytes,PI3K/AKT Signaling,Prolactin Si

-Mediated Integration of Enteroendocrine Signaling Exemplified by an L Cell,GPCR-Mediated Nutrient Sensin

FAT in Cardiac Hypertrophy,Senescence Pathway,SPINK1 Pancreatic Cancer Pathway,STAT3 Pathway,T Cel

ed Nutrient Sensing in Enteroendocrine Cells,Gαq Signaling,Huntington's Disease Signaling,Leptin Signaling ir

ıturation,EGF Signaling,Endocannabinoid Developing Neuron Pathway,Endocannabinoid Neuronal Synapse Pa

gnaling,Prostate Cancer Signaling,PTEN Signaling,RAR Activation,Regulation of eIF4 and p70S6K Signaling,S

g in Enteroendocrine Cells,Gustation Pathway,Gαi Signaling,Gαs Signaling,Hepatic Cholestasis,Hepatic Fibrosi

ll Exhaustion Signaling Pathway,T Helper Cell Differentiation,TGF-β Signaling,Th1 and Th2 Activation Pathway

ı Obesity,Melatonin Signaling,Molecular Mechanisms of Cancer,Neuropathic Pain Signaling In Dorsal Horn Neu

athway,Endothelin-1 Signaling,ErbB Signaling,Fc Epsilon RI Signaling,FcγRIIB Signaling in B Lymphocytes,FG

ystemic Lupus Erythematosus In B Cell Signaling Pathway,Telomerase Signaling,Thrombin Signaling,Type II D

is Signaling Pathway,IGF-1 Signaling,IL-1 Signaling,Inhibition of ARE-Mediated mRNA Degradation Pathway,Ir

,Th2 Pathway,Tight Junction Signaling,Wnt/β-catenin Signaling

urons,P2Y Purigenic Receptor Signaling Pathway,p70S6K Signaling,Phagosome Formation,Phospholipase C S

F Signaling,FLT3 Signaling in Hematopoietic Progenitor Cells,FXR/RXR Activation,GDNF Family Ligand-Recep

Diabetes Mellitus Signaling

Insulin Receptor Signaling,Leptin Signaling in Obesity,Melanocyte Development and Pigmentation Signaling,Me

Signaling,Phospholipases,PI3K Signaling in B Lymphocytes,PPARα/RXRα Activation,Protein Kinase A Signalin

ptor Interactions,Germ Cell-Sertoli Cell Junction Signaling,Glucocorticoid Receptor Signaling,GNRH Signaling,

latonin Signaling,Molecular Mechanisms of Cancer,Netrin Signaling,Neuropathic Pain Signaling In Dorsal Horn

ıg,Role of Macrophages, Fibroblasts and Endothelial Cells in Rheumatoid Arthritis,Role of NFAT in Cardiac Hyp

Gα12/13 Signaling,Hepatic Cholestasis,Hepatic Fibrosis Signaling Pathway,HGF Signaling,HIF1α Signaling,HM

Neurons,Neuroprotective Role of THOP1 in Alzheimer's Disease,Nitric Oxide Signaling in the Cardiovascular S

ertrophy,Role of NFAT in Regulation of the Immune Response,Sperm Motility,Sphingosine-1-phosphate Signa

MGB1 Signaling,IL-1 Signaling,IL-10 Signaling,IL-12 Signaling and Production in Macrophages,IL-15 Signaling,

System,Opioid Signaling Pathway,Ovarian Cancer Signaling,P2Y Purigenic Receptor Signaling Pathway,PFKF

aling,Superpathway of Inositol Phosphate Compounds,Synaptic Long Term Depression,Synaptic Long Term Po

IL-17 Signaling,IL-17A Signaling in Airway Cells,IL-17A Signaling in Fibroblasts,IL-17A Signaling in Gastric Cell

B4 Signaling Pathway,Phototransduction Pathway,PPARα/RXRα Activation,Protein Kinase A Signaling,PXR/R

otentiation,Thrombin Signaling,UVA-Induced MAPK Signaling,Wnt/Ca+ pathway

ls,IL-22 Signaling,IL-6 Signaling,IL-7 Signaling Pathway,IL-8 Signaling,ILK Signaling,Induction of Apoptosis by

XR Activation,RAR Activation,Relaxin Signaling,Renin-Angiotensin Signaling,Role of NFAT in Cardiac Hypertro

ɔphy,Sertoli Cell-Sertoli Cell Junction Signaling,Sonic Hedgehog Signaling,Sperm Motility,Synaptic Long Term

Potentiation,Synaptogenesis Signaling Pathway,Tight Junction Signaling,White Adipose Tissue Browning Path

way,α-Adrenergic Sigr

ID	Symbol	Expr Log F	Source	Confidenc	ID	Symbol
mmu-let-7d-3p	let-7d-3p (miRNAs w	2.35	TargetSca	Moderate (	Ahctf1	AHCTF1
mmu-let-7d-3p	let-7d-3p (miRNAs w	2.35	TargetSca	Moderate (	Ammecr1	AMMECR1
mmu-let-7d-3p	let-7d-3p (miRNAs w	2.35	TargetSca	Moderate (	Bend6	BEND6
mmu-let-7d-3p	let-7d-3p (miRNAs w	2.35	TargetSca	Moderate (	Clec5a	CLEC5A
mmu-let-7d-3p	let-7d-3p (miRNAs w	2.35	TargetSca	Moderate (	Cmtm6	CMTM6
mmu-let-7d-3p	let-7d-3p (miRNAs w	2.35	TargetSca	Moderate (	Cnih1	CNIH1
mmu-let-7d-3p	let-7d-3p (miRNAs w	2.35	TargetSca	High (pred	Ctsl	CTSV
mmu-let-7d-3p	let-7d-3p (miRNAs w	2.35	TargetSca	High (pred	Exosc7	EXOSC7
mmu-let-7d-3p	let-7d-3p (miRNAs w	2.35	TargetSca	Moderate (	Fam133b	FAM133B
mmu-let-7d-3p	let-7d-3p (miRNAs w	2.35	TargetSca	Moderate (	Gas7	GAS7
mmu-let-7d-3p	let-7d-3p (miRNAs w	2.35	TargetSca	Moderate (	Glipr1	GLIPR1
mmu-let-7d-3p	let-7d-3p (miRNAs w	2.35	TargetSca	Moderate (	Grb2	GRB2
mmu-let-7d-3p	let-7d-3p (miRNAs w	2.35	TargetSca	Moderate (	Letmd1	LETMD1
mmu-let-7d-3p	let-7d-3p (miRNAs w	2.35	TargetSca	High (pred	Lsr	LSR
mmu-let-7d-3p	let-7d-3p (miRNAs w	2.35	TargetSca	Moderate (	Mkrn1	MKRN1
mmu-let-7d-3p	let-7d-3p (miRNAs w	2.35	TargetSca	Moderate (	Msh3	MSH3
mmu-let-7d-3p	let-7d-3p (miRNAs w	2.35	TargetSca	Moderate (	Nrg3	NRG3
mmu-let-7d-3p	let-7d-3p (miRNAs w	2.35	TargetSca	Moderate (	Ppp4r1	PPP4R1
mmu-let-7d-3p	let-7d-3p (miRNAs w	2.35	TargetSca	Moderate (	Prkar1a	PRKAR1A
mmu-let-7d-3p	let-7d-3p (miRNAs w	2.35	TargetSca	Moderate (	Pwp1	PWP1
mmu-let-7d-3p	let-7d-3p (miRNAs w	2.35	TargetSca	Moderate (	Rab2b	RAB2B
mmu-let-7d-3p	let-7d-3p (miRNAs w	2.35	TargetSca	Moderate (	Slc36a1	SLC36A1
mmu-let-7d-3p	let-7d-3p (miRNAs w	2.35	TargetSca	Moderate (	Tmem117	TMEM117
mmu-let-7d-3p	let-7d-3p (miRNAs w	2.35	TargetSca	Moderate (	Tmem26	TMEM26
mmu-let-7d-3p	let-7d-3p (miRNAs w	2.35	TargetSca	Moderate (	Ttc9	TTC9
mmu-let-7d-3p	let-7d-3p (miRNAs w	2.35	TargetSca	Moderate (	Urm1	URM1
mmu-let-7d-3p	let-7d-3p (miRNAs w	2.35	TargetSca	Moderate (	Wdr82	WDR82
mmu-let-7d-3p	let-7d-3p (miRNAs w	2.35	TargetSca	Moderate (	Zic1	ZIC1
mmu-let-7d-3p	let-7d-3p (miRNAs w	2.35	TargetSca	Moderate (	Zscan12	ZSCAN12
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	Moderate (	Ammecr1	AMMECR1
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	Moderate (	Atp2b4	ATP2B4
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	Moderate (	Cep85	CEP85
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	Moderate (	Crocc	CROCC
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	Moderate (	Dpy19l3	DPY19L3
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	Moderate (	Efnb2	EFNB2
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	Moderate (	Fam163a	FAM163A
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	Moderate (	Foxj3	FOXJ3
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	Moderate (	Gdf11	GDF11
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	Moderate (	Gnl3l	GNL3L
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	Moderate (	Grm6	GRM6
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	High (pred	Hs3st3b1	HS3ST3B1
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	High (pred	Lrrc8b	LRRC8B
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	Moderate (	Mbnl1	MBNL1
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	Ingenuity	Experimen	Mtor	MTOR
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	High (pred	Nr1i3	NR1I3
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	Moderate (	Pcdh7	PCDH7
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	High (pred	Ppfia3	PPFIA3
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	Moderate (	Ppm1h	PPM1H
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	High (pred	Rasgrp3	RASGRP3
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	High (pred	Raver2	RAVER2
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	Moderate (	Scnn1g	SCNN1G
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	High (pred	Smarca4	SMARCA4
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	Moderate (	Smarcd1	SMARCD1
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	Moderate (	Snx8	SNX8
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	High (pred	Spn	SPN

mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	Moderate (	St6gal2	ST6GAL2
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	High (pred	Suds3	SUDS3
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	High (pred	Tbcb	TBCB
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	Moderate (	Tmem135	TMEM135
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	Moderate (	Tmem236	TMEM236
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	High (pred	Tmem30a	TMEM30A
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	High (pred	Trib1	TRIB1
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	High (pred	Vnn1	VNN1
mmu-miR-99b-5p	miR-100-5p (and oth	1.491	TargetSca	Moderate (	Zzef1	ZZEF1
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Abr	ABR
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Acbd7	ACBD7
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Adam33	ADAM33
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Ado	ADO
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Ankle1	ANKLE1
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Arl2	ARL2
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Experimen	Atp1a2	ATP1A2
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Atp6v0e2	ATP6V0E2
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Batf2	BATF2
mmu-mir-122	miR-122-5p (miRNAs	2.681	TarBase,m	Experimen	Bckdk	BCKDK
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Bicd1	BICD1
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Canx	CANX
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	High (pred	Ccar1	CCAR1
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Ccnyl1	CCNYL1
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	High (pred	Cd40lg	CD40LG
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Cdh6	CDH6
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Cdkn2aipn	CDKN2AIP
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Cep55	CEP55
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Chmp4c	CHMP4C
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Chrd	CHRD
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Crcp	CRCP
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Cryaa	CRYAA/C
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Cxcr2	CXCR2
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	High (pred	Fam102a	FAM102A
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Experimen	Foxj3	FOXJ3
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Frs3	FRS3
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Gpd2	GPD2
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Gprc5c	GPRC5C
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Hectd3	HECTD3
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Hoxc8	HOXC8
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Ift140	IFT140
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Igsf5	IGSF5
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Kcnj2	KCNJ2
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	High (pred	Kctd7	KCTD7
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Kif5b	KIF5B
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Klhdc1	KLHDC1
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Lrrc69	LRRC69
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Lrrtm2	LRRTM2
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Map1lc3b	MAP1LC3
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Map3k12	MAP3K12
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Max	MAX
mmu-mir-122	miR-122-5p (miRNAs	2.681	miRecords	Experimen	Mep1a	MEP1A
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Mettl8	METTL8
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Mob3b	MOB3B
mmu-mir-122	miR-122-5p (miRNAs	2.681	TarBase	Experimen	Ndrg3	NDRG3
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Nkain1	NKAIN1
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	High (pred	Nphs1	NPHS1

mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Experimen	Numbl	NUMBL
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Opa3	OPA3
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Osbp2	OSBP2
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	High (pred	P4ha1	P4HA1
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Pcyox1	PCYOX1
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	High (pred	Pdk4	PDK4
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	High (pred	Pigs	PIGS
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Plxna2	PLXNA2
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Praf2	PRAF2
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Prok2	PROK2
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Pycard	PYCARD
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Rab1b	RAB1B
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Rab44	RAB44
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Experimen	Rab6b	RAB6B
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Ralgapb	RALGAPB
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	High (pred	Rdh8	RDH8
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Rpl7l1	RPL7L1
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	High (pred	Sema4d	SEMA4D
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	High (pred	Sft2d1	SFT2D1
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	High (pred	Slc1a5	SLC1A5
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Slc41a1	SLC41A1
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Smarcd1	SMARCD1
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Smurf2	SMURF2
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Sned1	SNED1
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Srf	SRF
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Stx1b	STX1B
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Tacc1	TACC1
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Tmem213	TMEM213
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Tmtc2	TMTC2
mmu-mir-122	miR-122-5p (miRNAs	2.681	miRecords	Experimen	Trib1	TRIB1
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Trim29	TRIM29
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	High (pred	Tuba1c	TUBA1C
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Urm1	URM1
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Usp8	USP8
mmu-mir-122	miR-122-5p (miRNAs	2.681	TargetSca	Moderate (	Wnt2b	WNT2B
mmu-mir-122	miR-122-5p (miRNAs	2.681	miRecords	Experimen	Xpo6	XPO6
mmu-mir-351	miR-125b-5p (and ot	2.672	TarBase	Experimen	Ajuba	AJUBA
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Arcn1	ARCN1
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	High (pred	Asb13	ASB13
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Asb4	ASB4
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	B3galnt2	B3GALNT2
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	B4galt1	B4GALT1
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Batf2	BATF2
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Bckdk	BCKDK
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Bend6	BEND6
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Brwd1	BRWD1
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Bsg	BSG
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Gm17455	C10orf105
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	C2	C2
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	E130309D	C7orf26
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Cabyr	CABYR
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Capn1	CAPN1
mmu-mir-351	miR-125b-5p (and ot	2.672	miRecords	Experimen	Casp7	CASP7
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Experimen	Cbx7	CBX7
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Ccdc126	CCDC126
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Cd300e	CD300E

mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	High (pred	Cdc42se1	CDC42SE
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Cdk15	CDK15
mmu-mir-351	miR-125b-5p (and ot	2.672	miRecords	Experimen	Cdkn2a	CDKN2A
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Cep85	CEP85
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Champ1	CHAMP1
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Chtf8	CHTF8
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Clec5a	CLEC5A
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Cnnm1	CNNM1
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	High (pred	Cnr2	CNR2
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Copz1	COPZ1
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Cox7a2l	COX7A2L
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Crcp	CRCP
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	High (pred	Cyp24a1	CYP24A1
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Dctn5	DCTN5
mmu-mir-351	miR-125b-5p (and ot	2.672	TarBase	Experimen	Ddx19b	DDX19B
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Dnajc14	DNAJC14
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Dnal4	DNAL4
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Duox1	DUOX1
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Eif4ebp1	EIF4EBP1
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Ell	ELL
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Emb	EMB
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Enpp1	ENPP1
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Epm2a	EPM2A
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	High (pred	Fam118a	FAM118A
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Fam78a	FAM78A
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Frat2	FRAT2
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Galnt7	GALNT7
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Galp	GALP
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Gdf11	GDF11
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Gk5	GK5
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Gmfb	GMFB
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Gpc6	GPC6
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Gria4	GRIA4
mmu-mir-351	miR-125b-5p (and ot	2.672	Ingenuity	Experimen	Gss	GSS
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Hif1an	HIF1AN
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Hoxc8	HOXC8
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Ifnlr1	IFNLR1
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Experimen	Igfbp3	IGFBP3
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Il16	IL16
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	High (pred	Il6ra	IL6R
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Ippk	IPPK
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Irak1	IRAK1
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Itga8	ITGA8
mmu-mir-351	miR-125b-5p (and ot	2.672	miRecords	Experimen	Jarid2	JARID2
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Kctd21	KCTD21
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	High (pred	Klhl6	KLHL6
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Kpna6	KPNA6
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Krtap5-2	KRTAP5-4
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Leprot	LEPROT
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Lpar4	LPAR4
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Lpcat4	LPCAT4
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Lrrc25	LRRC25
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Lrrc8b	LRRC8B
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Lurap1l	LURAP1L
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	High (pred	Mapk12	MAPK12
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Mapk14	MAPK14

mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Mapkapk2	MAPKAPK
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Mdc1	MDC1
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Mfn1	MFN1
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Mob3a	MOB3A
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	High (pred	Msi1	MSI1
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Mtus1	MTUS1
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Ndrg3	NDRG3
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Nedd9	NEDD9
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	High (pred	Nipal4	NIPAL4
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Nop2	NOP2
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	High (pred	Npl	NPL
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Nrxn1	NRXN1
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Nup210	NUP210
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Ogfr	OGFR
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	High (pred	Olfr459	OR9A2
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Pcdh1	PCDH1
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	High (pred	Pdzd3	PDZD3
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Pgap3	PGAP3
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Pgp	PGP
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Phactr3	PHACTR3
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Phf20	PHF20
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Ppara	PPARA
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Ppme1	PPME1
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Ppp1r37	PPP1R37
mmu-mir-351	miR-125b-5p (and ot	2.672	TarBase	Experimen	Ppt2	PPT2
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Prx	PRX
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Rab6b	RAB6B
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	High (pred	Rabep2	RABEP2
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Reep3	REEP3
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Rfc5	RFC5
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Rhot2	RHOT2
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	High (pred	Rpp21	RPP21
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	High (pred	Rps6ka1	RPS6KA1
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	High (pred	Rufy3	RUFY3
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	High (pred	Rybp	RYBP
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	High (pred	Sbno1	SBNO1
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	High (pred	Scp2	SCP2
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Sec14l2	SEC14L2
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Sel1l	SEL1L
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	High (pred	Sema4d	SEMA4D
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Sema4f	SEMA4F
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Sfrp5	SFRP5
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	High (pred	Sfxn2	SFXN2
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Slc24a2	SLC24A2
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	High (pred	Slc25a15	SLC25A15
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Slc25a53	SLC25A53
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Slc27a4	SLC27A4
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Slc45a3	SLC45A3
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Slc4a4	SLC4A4
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Pqlc1	SLC66A2
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Smarcd2	SMARCD2
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	High (pred	Snx32	SNX32
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Socs2	SOCS2
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Speg	SPEG
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Sstr2	SSTR2
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	High (pred	St8sia4	ST8SIA4

mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Sult4a1	SULT4A1
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	High (pred	Syt2	SYT2
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	High (pred	Tbc1d1	TBC1D1
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	High (pred	Themis2	THEMIS2
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Tmem120l	TMEM120
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Tmem123	TMEM123
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	High (pred	Tmem135	TMEM135
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Tnip2	TNIP2
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Trp53inp1	TP53INP1
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Trappc6b	TRAPPC6
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Trim12c	TRIM5
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	High (pred	Ttc7	TTC7A
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Ube2r2	UBE2R2
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Ulk3	ULK3
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Usp12	USP12
mmu-mir-351	miR-125b-5p (and ot	2.672	Ingenuity	Experimen	Uvrag	UVRAG
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Vdr	VDR
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Wdr31	WDR31
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Zbtb34	ZBTB34
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Zcchc8	ZCCHC8
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Zfp12	ZNF12
mmu-mir-351	miR-125b-5p (and ot	2.672	TargetSca	Moderate (	Zswim3	ZSWIM3
mmu-miR-126a-3p	miR-126a-3p (and ot	-6.324	TargetSca	Moderate (	Antxr2	ANTXR2
mmu-miR-126a-3p	miR-126a-3p (and ot	-6.324	TargetSca	Moderate (	1700066M	C2orf69
mmu-miR-126a-3p	miR-126a-3p (and ot	-6.324	TargetSca	Moderate (	Chst5	CHST6
mmu-miR-126a-3p	miR-126a-3p (and ot	-6.324	miRecords	Experimen	Crkl	CRKL
mmu-miR-126a-3p	miR-126a-3p (and ot	-6.324	TargetSca	High (pred	Ddx11	DDX11
mmu-miR-126a-3p	miR-126a-3p (and ot	-6.324	TargetSca	Moderate (	Dip2c	DIP2C
mmu-miR-126a-3p	miR-126a-3p (and ot	-6.324	TargetSca	Moderate (	Erap1	ERAP1
mmu-miR-126a-3p	miR-126a-3p (and ot	-6.324	TargetSca	Moderate (	Fam118a	FAM118A
mmu-miR-126a-3p	miR-126a-3p (and ot	-6.324	TargetSca	Moderate (	Fbxl2	FBXL2
mmu-miR-126a-3p	miR-126a-3p (and ot	-6.324	TargetSca	Moderate (	Hoxa9	HOXA9
mmu-miR-126a-3p	miR-126a-3p (and ot	-6.324	Ingenuity	Experimen	Irs1	IRS1
mmu-miR-126a-3p	miR-126a-3p (and ot	-6.324	TargetSca	High (pred	Kank2	KANK2
mmu-miR-126a-3p	miR-126a-3p (and ot	-6.324	TargetSca	High (pred	Kcnj1	KCNJ1
mmu-miR-126a-3p	miR-126a-3p (and ot	-6.324	TargetSca	High (pred	Larp6	LARP6
mmu-miR-126a-3p	miR-126a-3p (and ot	-6.324	TargetSca	Moderate (	Mei4	MEI4
mmu-miR-126a-3p	miR-126a-3p (and ot	-6.324	TargetSca	Moderate (	Pcdh7	PCDH7
mmu-miR-126a-3p	miR-126a-3p (and ot	-6.324	TargetSca	Moderate (	Sema4d	SEMA4D
mmu-miR-126a-3p	miR-126a-3p (and ot	-6.324	TargetSca	Moderate (	Slc15a4	SLC15A4
mmu-miR-126a-3p	miR-126a-3p (and ot	-6.324	TarBase	Experimen	Slc45a3	SLC45A3
mmu-miR-126a-3p	miR-126a-3p (and ot	-6.324	TargetSca	Moderate (	Trim46	TRIM46
mmu-miR-126a-3p	miR-126a-3p (and ot	-6.324	TargetSca	Moderate (	Trpc4ap	TRPC4AP
mmu-miR-126a-3p	miR-126a-3p (and ot	-6.324	TargetSca	Moderate (	Zfp131	ZNF131
mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	Moderate (	Ak7	AK7
mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	Moderate (	Angel2	ANGEL2
mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	Moderate (	Atad5	ATAD5
mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	Moderate (	9530068E	C5orf15
mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	Moderate (	Cacna2d1	CACNA2D
mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	Moderate (	Cdk14	CDK14
mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	Moderate (	Cdkl1	CDKL1
mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	Moderate (	Csad	CSAD
mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	High (pred	F12	F12
mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	Moderate (	Fkbp14	FKBP14
mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	Moderate (	Frat1	FRAT1
mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	High (pred	Gfm2	GFM2

mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	Moderate (	Kpna1	KPNA1
mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	Moderate (	Laptm4b	LAPTM4B
mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	Moderate (	Lctl	LCTL
mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	High (pred	Ldhb	LDHB
mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	Moderate (	Meox2	MEOX2
mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	Moderate (	Mrap2	MRAP2
mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	Moderate (	Prim2	PRIM2
mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	Moderate (	Rbm48	RBM48
mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	Moderate (	Rhot2	RHOT2
mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	Moderate (	Rrm1	RRM1
mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	Moderate (	Rspo2	RSPO2
mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	Moderate (	Ruvbl1	RUVBL1
mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	High (pred	Scp2	SCP2
mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	Moderate (	Sdhc	SDHC
mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	Moderate (	Pqlc1	SLC66A2
mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	Moderate (	Tbl2	TBL2
mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	Moderate (	Tm4sf5	TM4SF5
mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	Moderate (	Tpd52l1	TPD52L1
mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	Moderate (	Tuba1a	TUBA1A
mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	Moderate (	Vrk2	VRK2
mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	Moderate (	Ywhah	YWHAH
mmu-miR-6240	miR-330-3p (and oth	-3.804	TargetSca	Moderate (	Zfp410	ZNF410
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Aars2	AARS2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Abhd12	ABHD12
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Abhd2	ABHD2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Abr	ABR
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Acvr1b	ACVR1B
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Adam11	ADAM11
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Adam30	ADAM30
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Adamts7	ADAMTS7
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Adra2a	ADRA2A
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Ak2	AK2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Akt2	AKT2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Aldh1a2	ALDH1A2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Ankrd24	ANKRD24
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Arap3	ARAP3
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Arhgef4	ARHGEF4
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Asf1b	ASF1B
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Atg13	ATG13
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Atp10b	ATP10B
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Atp5b	ATP5F1B
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Atp5j2	ATP5MF
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Atp6v0e2	ATP6V0E2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Atp6v1e1	ATP6V1E1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Atxn7l3b	ATXN7L3B
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	B3gnt8	B3GNT8
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Bcl2l1	BCL2L1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Bsdc1	BSDC1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Gm17455	C10orf105
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	D230025D	C16orf70
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	C1ql1	C1QL1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	C2	C2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	C2cd4c	C2CD4C
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	E130309D	C7orf26
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Cactin	CACTIN
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Cadm3	CADM3

mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Capn5	CAPN5
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Carm1	CARM1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Casc3	CASC3
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Cbx8	CBX8
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Ccdc120	CCDC120
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Ccdc85b	CCDC85B
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Cd209e	CD209
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Cd99l2	CD99L2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Cdc42ep4	CDC42EP
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Cdc42se1	CDC42SE
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Cdcp2	CDCP2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Celsr3	CELSR3
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Chrnd	CHRND
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Chst2	CHST2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Chst5	CHST6
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Chtf8	CHTF8
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Clec5a	CLEC5A
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Clec7a	CLEC7A
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Clip3	CLIP3
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Cmklr1	CMKLR1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Cnbp	CNBP
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Cnn2	CNN2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Cnppd1	CNPPD1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Cnpy3	CNPY3
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Col20a1	COL20A1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Copz1	COPZ1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Cpsf7	CPSF7
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Csf1	CSF1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Ctxn1	CTXN1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Cul4a	CUL4A
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Cxcl12	CXCL12
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Dagla	DAGLA
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Ddx11	DDX11
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Dennd1a	DENND1A
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Dgkd	DGKD
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Dhx58	DHX58
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Dmtn	DMTN
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Dnajc17	DNAJC17
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Duox2	DUOX2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Efnb1	EFNB1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Efnb2	EFNB2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Egr1	EGR1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Ehd3	EHD3
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Eif4ebp1	EIF4EBP1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Eln	ELN
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Elovl2	ELOVL2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Eml6	EML6
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Epha10	EPHA10
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Epha8	EPHA8
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Epn2	EPN2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Ern1	ERN1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Esrp2	ESRP2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Eva1c	EVA1C
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Evx1	EVX1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Fam102a	FAM102A
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Fam117a	FAM117A

mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Fam207a	FAM207A
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Fbxo41	FBXO41
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Foxj3	FOXJ3
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Foxk1	FOXK1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Foxm1	FOXM1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Frat1	FRAT1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Gabrr2	GABRR2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Gdpd5	GDPD5
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Ggps1	GGPS1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Git1	GIT1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Gk5	GK5
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Gpc6	GPC6
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Gpr20	GPR20
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Gss	GSS
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Gstm2	GSTM1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Hcfc1r1	HCFC1R1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Hcn4	HCN4
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Hdac1	HDAC1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Hdgf	HDGF
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Hemk1	HEMK1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Hnrnpul1	HNRNPUL
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Hpca	HPCA
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Hpd	HPD
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Icam5	ICAM5
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Il27	IL27
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Inppl1	INPPL1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Irf2bp1	IRF2BP1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Isy1	ISY1-RAB
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Itpa	ITPA
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Jph4	JPH4
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Kcns1	KCNS1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Kctd21	KCTD21
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Kctd5	KCTD5
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Laptm4b	LAPTM4B
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Lgi3	LGI3
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Lhx6	LHX6
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Limk1	LIMK1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Lrfn4	LRFN4
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Lrrc25	LRRC25
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Lrrc47	LRRC47
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Mapk13	MAPK13
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Mapkbp1	MAPKBP1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Mdm4	MDM4
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Mef2d	MEF2D
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Midn	MIDN
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Mknk2	MKNK2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Morn3	MORN3
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Mrc2	MRC2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Msi1	MSI1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Mtrf1l	MTRF1L
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Mvk	MVK
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Neurog1	NEUROG1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Nfatc4	NFATC4
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca High (pred	Ngfr	NGFR
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Nlrp4c	NLRP4
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca Moderate (	Nop2	NOP2

mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Ntf5	NTF4
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Numbl	NUMBL
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Nup210	NUP210
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Odc1	ODC1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Ogdh	OGDH
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Olfml2b	OLFML2B
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Osbp2	OSBP2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Pak6	PAK6
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Panx2	PANX2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Paqr8	PAQR8
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Pcbp3	PCBP3
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Pcdh1	PCDH1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Pcif1	PCIF1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Pcyox1	PCYOX1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Pde6g	PDE6G
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Pdgfrb	PDGFRB
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Pdzd11	PDZD11
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Pgap3	PGAP3
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Pgp	PGP
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Phf12	PHF12
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Phyhd1	PHYHD1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Phykpl	PHYKPL
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Pik3r3	PIK3R3
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Pilra	PILRA
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Pip5k1c	PIP5K1C
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Plcb1	PLCB1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Plcd3	PLCD3
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Plekhg3	PLEKHG3
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Plekho1	PLEKHO1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Plekho2	PLEKHO2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Pnmal2	PNMA8B
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Polr1a	POLR1A
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Ppard	PPARD
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Ppib	PPIB
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Ppil2	PPIL2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Ppm1h	PPM1H
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Ppme1	PPME1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Praf2	PRAF2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Prelp	PRELP
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Prkaca	PRKACA
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Prx	PRX
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Ptdss2	PTDSS2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	R3hdm4	R3HDM4
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Rab11b	RAB11B
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Rab40c	RAB40C
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Rab6a	RAB6A
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Rab8a	RAB8A
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Rabep2	RABEP2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Rad23a	RAD23A
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Rad9b	RAD9B
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Rap1gap2	RAP1GAP
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Rnf38	RNF38
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Rpl7l1	RPL7L1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Rrp1b	RRP1B
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	S1pr3	S1PR3
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Scn1a	SCN1A

mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Sctr	SCTR
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Sec16b	SEC16B
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Sema4f	SEMA4F
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Sept11	SEPTIN11
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Serinc5	SERINC5
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Serpind1	SERPIND1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Sgip1	SGIP1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Sh3glb2	SH3GLB2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Shank2	SHANK2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Slc24a4	SLC24A4
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Slc25a13	SLC25A13
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Slc25a18	SLC25A18
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Slc27a4	SLC27A4
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Slc2a4	SLC2A4
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Slc30a2	SLC30A2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Slc45a4	SLC45A4
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Slc52a3	SLC52A3
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Slc9a8	SLC9A8
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Smarca4	SMARCA4
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Smarcd1	SMARCD1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Smg9	SMG9
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Smim3	SMIM3
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Snapc2	SNAPC2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Snx8	SNX8
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Sox12	SOX12
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Sox13	SOX13
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Speg	SPEG
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Srf	SRF
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Sufu	SUFU
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Sypl	SYPL1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Syt2	SYT2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Tbc1d9b	TBC1D9B
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Tbcb	TBCB
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Tfap2e	TFAP2E
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Tmem120l	TMEM120
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Tmem164	TMEM164
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Tmem183a	TMEM183
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Tmem214	TMEM214
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Tmem41a	TMEM41A
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Tnfrsf13c	TNFRSF1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Tnfrsf14	TNFRSF14
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Tnip2	TNIP2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Trp53inp2	TP53INP2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Tpd52l1	TPD52L1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Trim11	TRIM11
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Trim14	TRIM14
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Trim46	TRIM46
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Trim12c	TRIM5
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Trim58	TRIM58
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Trpc4ap	TRPC4AP
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Trpm2	TRPM2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Trpv2	TRPV2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Tspan15	TSPAN15
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Tspan5	TSPAN5
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Tubb6	TUBB6
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Ube2r2	UBE2R2

mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Unc119	UNC119
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Unc93b1	UNC93B1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Urm1	URM1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Usp18	USP18
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Vars	VARS
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Vdr	VDR
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Wbp1l	WBP1L
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Wipf2	WIPF2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Wnt2b	WNT2B
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Wnt3a	WNT3A
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Xirp1	XIRP1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Yes1	YES1
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Yif1a	YIF1A
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Ywhae	YWHAE
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Zbtb16	ZBTB16
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Zbtb34	ZBTB34
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Zbtb48	ZBTB48
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Zc4h2	ZC4H2
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Zcchc3	ZCCHC3
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	Moderate (	Zfyve28	ZFYVE28
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Zfp865	ZNF865
mmu-miR-423-5p	miR-423-5p (and oth	1.133	TargetSca	High (pred	Zyx	ZYX

Expr Log F	Pathway
-1.189	
-1.319	
-2.017	
1.483	
-1.76	
1.859	
-1.599	Autophagy,Phagosome Maturation
1.282	Inhibition of ARE-Mediated mRNA Degradation Pathway
-1.525	
2.047	
-1.204	
-1.138	14-3-3-mediated Signaling,Actin Cytoskeleton Signaling,Actin Nucleation by ARP-WASP Complex,
-1.56	
3.563	
-2.149	
-1.47	Colorectal Cancer Metastasis Signaling,Mismatch Repair in Eukaryotes
1.009	Agrin Interactions at Neuromuscular Junction,ErbB Signaling,ErbB2-ErbB3 Signaling,ErbB4 Signali
-1.385	3-phosphoinositide Biosynthesis,3-phosphoinositide Degradation,D-myo-inositol (1,4,5,6)-Tetrakisp
-1.441	Adrenomedullin signaling pathway,AMPK Signaling,Amyloid Processing,Androgen Signaling,Apelin
1.179	
-2.26	
-1.428	
-1.177	
-1.48	
1.032	
-1.078	
-1.271	
-2.454	
1.467	
-1.319	
-1.967	Calcium Signaling,Calcium Transport I
-1.319	
-1.659	
-1.725	
1.02	Axonal Guidance Signaling,Ephrin B Signaling,Ephrin Receptor Signaling,Synaptogenesis Signalin
-1.745	
-1.667	
-4.205	
-1.165	
1.473	cAMP-mediated signaling,CREB Signaling in Neurons,G-Protein Coupled Receptor Signaling,Gluta
1.124	Chondroitin Sulfate Biosynthesis,Chondroitin Sulfate Biosynthesis (Late Stages),Dermatan Sulfate
1.287	
1.399	
-1.248	Acute Myeloid Leukemia Signaling,Acute Phase Response Signaling,AMPK Signaling,Apelin Endot
-4.949	LPS/IL-1 Mediated Inhibition of RXR Function,PXR/RXR Activation,Xenobiotic Metabolism Signalin
-1.056	
1.612	3-phosphoinositide Biosynthesis,3-phosphoinositide Degradation,D-myo-inositol (1,4,5,6)-Tetrakisp
1.609	3-phosphoinositide Biosynthesis,3-phosphoinositide Degradation,AMPK Signaling,D-myo-inositol (
1.347	Systemic Lupus Erythematosus In B Cell Signaling Pathway
1.508	
1.28	Aldosterone Signaling in Epithelial Cells,Gustation Pathway,Insulin Receptor Signaling
-1.321	AMPK Signaling,Aryl Hydrocarbon Receptor Signaling,Estrogen Receptor Signaling,Glucocorticoid
-2.233	AMPK Signaling,Glucocorticoid Receptor Signaling,Hereditary Breast Cancer Signaling,RAR Activa
-2.486	
3.044	B Cell Development,Leukocyte Extravasation Signaling

1.755	
-2.104	DNA Methylation and Transcriptional Repression Signaling
-1.213	
1.603	
1.106	
1.824	
1.305	
1.546	
1.081	
-1.728	
-1.34	
1.631	Axonal Guidance Signaling
1.837	
2.249	
-2.041	
-1.282	
1.285	Iron homeostasis signaling pathway,Phagosome Maturation
2.346	
2.01	
-1.404	
-2.305	Antigen Presentation Pathway,Lipid Antigen Presentation by CD1,Phagosome Maturation,Unfolded
-1.152	
-1.433	
-2.734	Allograft Rejection Signaling,Altered T Cell and B Cell Signaling in Rheumatoid Arthritis,Atheroscler
-1.573	Gα12/13 Signaling,RhoGDI Signaling,Signaling by Rho Family GTPases,Synaptogenesis Signaling
-2.895	
-2.747	
-2.384	Mechanisms of Viral Exit from Host Cells
1.104	BMP signaling pathway
-1.262	Adrenomedullin signaling pathway
-5.409	Aldosterone Signaling in Epithelial Cells,Protein Ubiquitination Pathway
-3.106	Agranulocyte Adhesion and Diapedesis,cAMP-mediated signaling,Cardiac Hypertrophy Signaling (E
-2.953	
-1.667	
1.68	
-1.01	Glycerol Degradation I,Glycerol-3-phosphate Shuttle,Mitochondrial Dysfunction,PPARα/RXRα Activ
-1.268	
3.377	
2.81	
-1.185	
-1.589	Sertoli Cell-Sertoli Cell Junction Signaling,Tight Junction Signaling
-3	Dopamine-DARPP32 Feedback in cAMP Signaling
1.232	
-2.068	
1.808	
-1.072	
-5.978	Synaptogenesis Signaling Pathway
-1.765	Autophagy,FAT10 Signaling Pathway,Sirtuin Signaling Pathway
1.21	B Cell Receptor Signaling,Cardiac Hypertrophy Signaling,Cardiac Hypertrophy Signaling (Enhance
1.552	Adrenomedullin signaling pathway,Cell Cycle: G1/S Checkpoint Regulation,Molecular Mechanisms
-2.262	
-1.018	
-1.236	
-1.891	
-1.722	
-1.061	

-1.289 Notch Signaling
1.049
-1.542
1.025
2.277 Atherosclerosis Signaling,Clathrin-mediated Endocytosis Signaling,FXR/RXR Activation,IL-12 Signa
1.819 Reelin Signaling in Neurons,Senescence Pathway
1.241
-1.575 Axonal Guidance Signaling
-4.817
1.063
-4.598 Inflammasome pathway,Neuroinflammation Signaling Pathway
1.292
1.11
-1.369
-1.602
2.042 RAR Activation,Retinoate Biosynthesis I,Retinol Biosynthesis,The Visual Cycle
-1.097 EIF2 Signaling
-1.224 Axonal Guidance Signaling,Semaphorin Signaling in Neurons
4.377
1.034
1.219
-2.233 AMPK Signaling,Glucocorticoid Receptor Signaling,Hereditary Breast Cancer Signaling,RAR Activa
-1.535 Protein Ubiquitination Pathway,TGF-β Signaling
-1.276
-1.176 Cardiac Hypertrophy Signaling,Cardiac Hypertrophy Signaling (Enhanced),Cholecystokinin/Gastrin-
-1.318 Synaptogenesis Signaling Pathway
1.302
-1.9
1.242
1.305
1.058 p53 Signaling
-3.555 14-3-3-mediated Signaling,Axonal Guidance Signaling,Breast Cancer Regulation by Stathmin1,Epit
-1.078
-1.948 Protein Ubiquitination Pathway
-1.118 Axonal Guidance Signaling,Basal Cell Carcinoma Signaling,Cardiac Hypertrophy Signaling (Enhan
-1.93
1.05 HIPPO signaling
-1.194 Caveolar-mediated Endocytosis Signaling
-1.064
-2.807
-1.513
-6.105
2.346
2.01
-2.017
-1.483
1.096
6.554
-1.735 Acute Phase Response Signaling,Complement System
-1.717
-2.902
-2.141 Amyloid Processing,Amyotrophic Lateral Sclerosis Signaling,Apoptosis Signaling,CDK5 Signaling,F
-1.761 Amyotrophic Lateral Sclerosis Signaling,Apoptosis Signaling,Cytotoxic T Lymphocyte-mediated Ap
-2.533 Senescence Pathway
1.518
-2.078

-1.337	Cdc42 Signaling
1.595	Cell Cycle Control of Chromosomal Replication,Molecular Mechanisms of Cancer
1.068	Aryl Hydrocarbon Receptor Signaling,Bladder Cancer Signaling,Cell Cycle: G1/S Checkpoint Regul
-1.319	
-2.082	
2.045	
1.483	
-1.834	
-2.515	cAMP-mediated signaling,Endocannabinoid Cancer Inhibition Pathway,Endocannabinoid Developir
1.255	Caveolar-mediated Endocytosis Signaling
-2.898	Mitochondrial Dysfunction,Oxidative Phosphorylation
-1.262	Adrenomedullin signaling pathway
-1.33	VDR/RXR Activation
-1.94	
-1.216	
-1.243	Aldosterone Signaling in Epithelial Cells,NRF2-mediated Oxidative Stress Response,Protein Ubiqui
-1.881	
1.173	
-2.064	Acute Myeloid Leukemia Signaling,AMPK Signaling,Cardiac Hypertrophy Signaling (Enhanced),ER
-1.231	
-2.305	
1.5	
-1.391	Protein Kinase A Signaling
-1.758	
-1.07	
-2.007	
-1.663	
-1.242	
-4.205	
-1.321	Glycerol Degradation I
-1.365	
1.23	
1.071	Amyotrophic Lateral Sclerosis Signaling,Calcium Signaling,CREB Signaling in Neurons,Endocanna
-1.034	Glutathione Biosynthesis,γ-glutamyl Cycle
-1.484	Hypoxia Signaling in the Cardiovascular System,White Adipose Tissue Browning Pathway
2.81	
1.185	Cardiac Hypertrophy Signaling (Enhanced),PI3K/AKT Signaling,STAT3 Pathway
-2.02	Growth Hormone Signaling,Hepatic Fibrosis / Hepatic Stellate Cell Activation,IGF-1 Signaling,RAR
-1.606	Role of Macrophages, Fibroblasts and Endothelial Cells in Rheumatoid Arthritis
-1.72	Acute Phase Response Signaling,Cardiac Hypertrophy Signaling,Cardiac Hypertrophy Signaling (E
-2.146	1D-myo-inositol Hexakisphosphate Biosynthesis II (Mammalian),1D-myo-inositol Hexakisphosphate
1.917	Acute Phase Response Signaling,Hepatic Cholestasis,Hepatic Fibrosis Signaling Pathway,IL-1 Sig
-1.555	Caveolar-mediated Endocytosis Signaling,Integrin Signaling,Paxillin Signaling
-1.823	HOTAIR Regulatory Pathway,Role of Oct4 in Mammalian Embryonic Stem Cell Pluripotency
1.368	
1.419	
-1.65	RAN Signaling
-7.965	
1.815	
2.49	eNOS Signaling,Gα12/13 Signaling,RhoA Signaling
1.539	CDP-diacylglycerol Biosynthesis I,Phosphatidylglycerol Biosynthesis II (Non-plastidic),Stearate Bios
-1.188	
1.287	
1.47	
1.111	14-3-3-mediated Signaling,4-1BB Signaling in T Lymphocytes,Activation of IRF by Cytosolic Patterr
-2.294	4-1BB Signaling in T Lymphocytes,Acute Phase Response Signaling,Adrenomedullin signaling patl

1.306	BAG2 Signaling Pathway,Cardiac Hypertrophy Signaling,Cardiac Hypertrophy Signaling (Enhanced
-1.832	ATM Signaling,Role of BRCA1 in DNA Damage Response,Role of CHK Proteins in Cell Cycle Che
1.161	
-1.254	
1.209	
1.201	
-1.891	
-1.188	Integrin Signaling
-2.463	
-1.858	
-1.491	
1.056	Synaptogenesis Signaling Pathway
1.13	
1.66	Opioid Signaling Pathway
-5.55	
1.364	
3.989	
-1.12	
4.31	Protein Kinase A Signaling
1.902	
-1.548	
-1.33	FXR/RXR Activation,Hepatic Cholestasis,LPS/IL-1 Mediated Inhibition of RXR Function,PPAR Sign
-1.832	Heparan Sulfate Biosynthesis,Heparan Sulfate Biosynthesis (Late Stages),Triacylglycerol Degradat
1.182	
-2.128	
-1.203	
-1.369	
-1.942	
-1.106	
1.445	Hereditary Breast Cancer Signaling,Mismatch Repair in Eukaryotes,NER Pathway,Role of BRCA1 i
2.31	Actin Nucleation by ARP-WASP Complex,Cardiac Hypertrophy Signaling,Cholecystokinin/Gastrin-n
-4.505	
-1.606	14-3-3-mediated Signaling,Adipogenesis pathway,Antiproliferative Role of TOB in T Cell Signaling,
-1.284	
-1.676	
-1.353	
-1.376	Bile Acid Biosynthesis, Neutral Pathway,Fatty Acid β-oxidation I
-1.592	
-1.678	Unfolded protein response
-1.224	Axonal Guidance Signaling,Semaphorin Signaling in Neurons
1.387	Axonal Guidance Signaling
1.896	Role of Macrophages, Fibroblasts and Endothelial Cells in Rheumatoid Arthritis,Role of Osteoblasts
-1.875	
-5.737	
1.363	
-2.308	
3.901	Fatty Acid Activation,Fatty Acid β-oxidation I,LPS/IL-1 Mediated Inhibition of RXR Function,Mitocho
-2.678	
1.404	
-1.16	
-1.974	AMPK Signaling,Glucocorticoid Receptor Signaling,Hereditary Breast Cancer Signaling,RAR Activa
-2.368	
-2.412	Acute Phase Response Signaling,Growth Hormone Signaling,IGF-1 Signaling,IL-9 Signaling,JAK/S
-1.139	
2.653	Antiproliferative Role of Somatostatin Receptor 2
1.513	

-2.114	Chondroitin Sulfate Biosynthesis,Chondroitin Sulfate Biosynthesis (Late Stages),Dermatan Sulfate
-1.386	Synaptogenesis Signaling Pathway,TR/RXR Activation
-1.309	AMPK Signaling
-1.995	
-1.104	
-1.277	
1.603	
-1.481	
-2.197	p53 Signaling
-2.898	
1.479	
2.995	
-1.433	Hypoxia Signaling in the Cardiovascular System,Protein Ubiquitination Pathway
2.324	
2.282	Protein Ubiquitination Pathway
1.361	
1.02	TGF-β Signaling,VDR/RXR Activation
1.513	
-2.127	
-1.603	
-1.676	
-2.73	
-1.088	
-2.371	
-1.867	
-1.702	Actin Cytoskeleton Signaling,Axonal Guidance Signaling,Chronic Myeloid Leukemia Signaling,Ephr
-2.635	
1.178	
-1.069	
-1.758	
-1.119	
3.313	
1.584	AMPK Signaling,Apelin Liver Signaling Pathway,Cardiac Hypertrophy Signaling,GDNF Family Ligar
-2.425	
2.079	Dopamine-DARPP32 Feedback in cAMP Signaling
1.679	
1.056	
-1.056	
-1.224	Axonal Guidance Signaling,Semaphorin Signaling in Neurons
-2.238	
-2.678	
1.479	
-4.308	
-1.181	
-1.573	AMPK Signaling,Pyrimidine Deoxyribonucleotides De Novo Biosynthesis I,Pyrimidine Ribonucleotic
-3.621	
-2.089	
-1.966	
1.647	Androgen Signaling,Calcium Signaling,CCR5 Signaling in Macrophages,Corticotropin Releasing Ho
-1.274	Cell Cycle Control of Chromosomal Replication,Molecular Mechanisms of Cancer
1.361	
-1.12	Taurine Biosynthesis
-1.88	Coagulation System,Extrinsic Prothrombin Activation Pathway,Intrinsic Prothrombin Activation Path
-1.187	
-7.968	Wnt/β-catenin Signaling
-1.842	

-1.129	RAN Signaling
-1.439	
-1.698	
-1.938	HIF1α Signaling,Pyruvate Fermentation to Lactate,Sirtuin Signaling Pathway,White Adipose Tissue
-1.309	
-1.715	
1.09	Cell Cycle Control of Chromosomal Replication,NER Pathway
-1.015	
2.31	Actin Nucleation by ARP-WASP Complex,Cardiac Hypertrophy Signaling,Cholecystokinin/Gastrin-n
-1.419	Pyrimidine Deoxyribonucleotides De Novo Biosynthesis I
-1.008	
-1.969	
-1.376	Bile Acid Biosynthesis, Neutral Pathway,Fatty Acid β-oxidation I
-2.446	Mitochondrial Dysfunction,Oxidative Phosphorylation,Sirtuin Signaling Pathway,TCA Cycle II (Euka
-1.16	
-1.74	
-3.094	
-1.24	
-1.928	14-3-3-mediated Signaling,Axonal Guidance Signaling,Breast Cancer Regulation by Stathmin1,Epit
1.479	ERK/MAPK Signaling
1.774	14-3-3-mediated Signaling,Cell Cycle: G2/M DNA Damage Checkpoint Regulation,ERK/MAPK Sigr
-2.82	
1.224	tRNA Charging
1.082	Triacylglycerol Degradation
1.453	Triacylglycerol Degradation
-1.728	
1.111	Cardiac Hypertrophy Signaling (Enhanced),Epithelial Adherens Junction Signaling,Factors Promoti
-1.119	Axonal Guidance Signaling
4.988	Axonal Guidance Signaling
-1.313	Axonal Guidance Signaling
3.166	AMPK Signaling,cAMP-mediated signaling,Cardiac Hypertrophy Signaling,Cardiac Hypertrophy Sig
-2.514	AMPK Signaling
-1.456	14-3-3-mediated Signaling,Acute Myeloid Leukemia Signaling,Acute Phase Response Signaling,Ac
-2.338	Aryl Hydrocarbon Receptor Signaling,Dopamine Degradation,Ethanol Degradation II,Ethanol Degra
-1.33	
1.384	
-4.012	Actin Cytoskeleton Signaling,Breast Cancer Regulation by Stathmin1,Molecular Mechanisms of Ca
-1.719	
1.031	Autophagy,mTOR Signaling,Sirtuin Signaling Pathway
-1.966	
-2.259	Huntington's Disease Signaling,Mitochondrial Dysfunction,Oxidative Phosphorylation,Sirtuin Signali
2.125	Mitochondrial Dysfunction,Oxidative Phosphorylation
1.285	Iron homeostasis signaling pathway,Phagosome Maturation
1.604	Iron homeostasis signaling pathway,Phagosome Maturation
-2.065	
-5.503	
-2.029	Amyotrophic Lateral Sclerosis Signaling,Apoptosis Signaling,B Cell Receptor Signaling,CD27 Signa
-2.404	
6.554	
-1.801	
1.337	
-1.735	Acute Phase Response Signaling,Complement System
2.516	
-1.717	
1.501	
-1.572	

-1.677	Amyloid Processing,Amyotrophic Lateral Sclerosis Signaling,Apoptosis Signaling,FAK Signaling,Hu
-1.549	Estrogen Receptor Signaling,RAR Activation
-1.184	
-1.179	Senescence Pathway
1.419	
1.241	
1.589	Crosstalk between Dendritic Cells and Natural Killer Cells
-1.55	
-2.291	RhoA Signaling,Signaling by Rho Family GTPases
-1.337	Cdc42 Signaling
-3.209	
1.1	
2.217	AMPK Signaling,Calcium Signaling,eNOS Signaling
2.619	Chondroitin Sulfate Biosynthesis,Chondroitin Sulfate Biosynthesis (Late Stages),Dermatan Sulfate
-1.867	
2.045	
1.483	
-1.56	Phagosome Formation,Role of Pattern Recognition Receptors in Recognition of Bacteria and Virus
1.71	
1.521	
-1.919	
2.156	
1.059	
-2.157	
-2.802	GP6 Signaling Pathway,Hepatic Fibrosis / Hepatic Stellate Cell Activation
1.255	Caveolar-mediated Endocytosis Signaling
-2.442	
1.948	Altered T Cell and B Cell Signaling in Rheumatoid Arthritis,Atherosclerosis Signaling,Hematopoiesis
-1.856	
-2.765	NER Pathway
1.661	Agranulocyte Adhesion and Diapedesis,Atherosclerosis Signaling,Axonal Guidance Signaling,Cher
-1.596	Endocannabinoid Neuronal Synapse Pathway
-2.635	
-1.174	
-1.091	Adipogenesis pathway
-1.497	Activation of IRF by Cytosolic Pattern Recognition Receptors,Role of RIG1-like Receptors in Antivir
-2.06	
-2.464	Aldosterone Signaling in Epithelial Cells,NRF2-mediated Oxidative Stress Response,Protein Ubiqui
-2.972	
1.104	Axonal Guidance Signaling,Ephrin B Signaling,Ephrin Receptor Signaling,PCP pathway,Synaptoge
1.02	Axonal Guidance Signaling,Ephrin B Signaling,Ephrin Receptor Signaling,Synaptogenesis Signalin
3.527	B Cell Receptor Signaling,CDK5 Signaling,CXCR4 Signaling,GNRH Signaling,Regulation of the Ep
2.068	
-2.064	Acute Myeloid Leukemia Signaling,AMPK Signaling,Cardiac Hypertrophy Signaling (Enhanced),ER
-1.39	
1.081	Stearate Biosynthesis I (Animals),Triacylglycerol Biosynthesis
-1.272	
-1.538	Axonal Guidance Signaling,Ephrin A Signaling,Ephrin Receptor Signaling,Synaptogenesis Signalin
1.406	Axonal Guidance Signaling,Ephrin A Signaling,Ephrin Receptor Signaling,IL-15 Production,Sperm I
-1.624	Epithelial Adherens Junction Signaling,Germ Cell-Sertoli Cell Junction Signaling,Sertoli Cell-Sertoli
-1.224	Apelin Pancreas Signaling Pathway,Endoplasmic Reticulum Stress Pathway,Unfolded protein resp
-1.308	Regulation of the Epithelial-Mesenchymal Transition Pathway
-1.91	
1.794	
-2.953	
1.022	

-1.631	
1.105	
-1.667	
-2.242	
-1.944	HOTAIR Regulatory Pathway
-7.968	Wnt/β-catenin Signaling
-2.141	GABA Receptor Signaling,Neuroinflammation Signaling Pathway
-1.801	
-1.001	Geranylgeranyldiphosphate Biosynthesis,Superpathway of Cholesterol Biosynthesis,Superpathway
-1.079	Actin Cytoskeleton Signaling,Axonal Guidance Signaling,Integrin Signaling,PAK Signaling
-1.321	Glycerol Degradation I
1.23	
-1.62	
-1.034	Glutathione Biosynthesis,γ-glutamyl Cycle
-8.85	Apelin Adipocyte Signaling Pathway,Aryl Hydrocarbon Receptor Signaling,Glutathione Redox Reac
2.376	
-2.873	
-1.556	Adipogenesis pathway,Calcium Signaling,Calcium-induced T Lymphocyte Apoptosis,Cardiac Hyper
1.208	
1.623	
-1.18	
2.709	
1.007	Phenylalanine Degradation IV (Mammalian, via Side Chain),Tyrosine Degradation I
-1.237	
3.806	Role of Cytokines in Mediating Communication between Immune Cells,Th1 and Th2 Activation Patl
-2.315	1D-myo-inositol Hexakisphosphate Biosynthesis II (Mammalian),3-phosphoinositide Degradation,B
1.816	
-1.021	
-2.607	
2.139	
3.714	
1.368	
-1.926	
-1.439	
-1.544	
1.704	
1.19	Actin Cytoskeleton Signaling,Axonal Guidance Signaling,Breast Cancer Regulation by Stathmin1,C
3.614	
-1.188	
2.351	
1.636	4-1BB Signaling in T Lymphocytes,Acute Phase Response Signaling,Adrenomedullin signaling patl
-1.266	
-1.175	ATM Signaling,Cell Cycle: G2/M DNA Damage Checkpoint Regulation,p53 Signaling
-1.499	Apelin Endothelial Signaling Pathway,Calcium Signaling,Calcium-induced T Lymphocyte Apoptosis
-1.348	
1.636	Cardiac Hypertrophy Signaling (Enhanced),ERK/MAPK Signaling,p38 MAPK Signaling
-3.153	
-1.69	Phagosome Formation
1.209	
-3.317	
-1.402	Mevalonate Pathway I,Superpathway of Cholesterol Biosynthesis,Superpathway of Geranylgeranyl
-5.409	Transcriptional Regulatory Network in Embryonic Stem Cells
-1.887	Adipogenesis pathway,April Mediated Signaling,Axonal Guidance Signaling,B Cell Activating Facto
1.042	Acute Phase Response Signaling,Axonal Guidance Signaling,Cardiac Hypertrophy Signaling (Enha
-1.032	TREM1 Signaling
-1.858	

2.411	Axonal Guidance Signaling,Human Embryonic Stem Cell Pluripotency,Neurotrophin/TRK Signaling,
-1.289	Notch Signaling
1.13	
3.529	Polyamine Regulation in Colon Cancer,Putrescine Biosynthesis III
-1.79	2-ketoglutarate Dehydrogenase Complex,Mitochondrial Dysfunction,TCA Cycle II (Eukaryotic)
1.049	
-1.542	
-1.652	Actin Cytoskeleton Signaling,Agrin Interactions at Neuromuscular Junction,Angiopoietin Signaling,A
-1.931	
-2.598	
1.585	
1.364	
-1.082	
2.277	Atherosclerosis Signaling,Clathrin-mediated Endocytosis Signaling,FXR/RXR Activation,IL-12 Signa
-3.386	cAMP-mediated signaling,Cardiac Hypertrophy Signaling (Enhanced),Cardiac β-adrenergic Signalir
-1.541	Apelin Liver Signaling Pathway,Glioblastoma Multiforme Signaling,Glioma Signaling,Hepatic Fibros
-6.225	
-1.12	
4.31	Protein Kinase A Signaling
-2.272	
-1.613	
-2.44	
-1.604	14-3-3-mediated Signaling,3-phosphoinositide Biosynthesis,Actin Cytoskeleton Signaling,Acute My
-1.536	
1.153	3-phosphoinositide Biosynthesis,Actin Cytoskeleton Signaling,Aldosterone Signaling in Epithelial C
-1.041	14-3-3-mediated Signaling,Adrenomedullin signaling pathway,Aldosterone Signaling in Epithelial C
-2.135	14-3-3-mediated Signaling,Adrenomedullin signaling pathway,Aldosterone Signaling in Epithelial C
-2.274	
-1.689	
-2.901	
2.323	
1.483	Assembly of RNA Polymerase I Complex,Sirtuin Signaling Pathway
-1.338	Osteoarthritis Pathway,PPAR Signaling,VDR/RXR Activation,Wnt/β-catenin Signaling
-2.924	Activation of IRF by Cytosolic Pattern Recognition Receptors,NRF2-mediated Oxidative Stress Res
-1.489	
1.609	3-phosphoinositide Biosynthesis,3-phosphoinositide Degradation,AMPK Signaling,D-myo-inositol (1
-1.832	Heparan Sulfate Biosynthesis,Heparan Sulfate Biosynthesis (Late Stages),Triacylglycerol Degradat
-4.817	
1.75	
-1.234	Adrenomedullin signaling pathway,AMPK Signaling,Amyloid Processing,Androgen Signaling,Apelin
-1.203	
-2.11	Phosphatidylethanolamine Biosynthesis III
-1.797	
1.192	Clathrin-mediated Endocytosis Signaling,Fcγ Receptor-mediated Phagocytosis in Macrophages an
-1.378	
-2.355	AMPK Signaling
-2.641	AMPK Signaling
-1.942	
1.165	
-1.525	
1.444	
-1.089	
-1.097	EIF2 Signaling
1.109	
-1.849	cAMP-mediated signaling,Ceramide Signaling,G-Protein Coupled Receptor Signaling,Gαi Signaling
-1.305	

-1.415	
1.26	
1.387	Axonal Guidance Signaling
-1.91	RhoA Signaling,Signaling by Rho Family GTPases
-1.656	
-1.293	Acute Phase Response Signaling,Coagulation System
1.427	
-2.583	Clathrin-mediated Endocytosis Signaling,Mechanisms of Viral Exit from Host Cells
1.378	Axonal Guidance Signaling
1.048	
-1.194	Induction of Apoptosis by HIV1
-2.438	
3.901	Fatty Acid Activation,Fatty Acid β-oxidation I,LPS/IL-1 Mediated Inhibition of RXR Function,Mitocho
1.912	Adipogenesis pathway,AMPK Signaling,Antioxidant Action of Vitamin C,Apelin Muscle Signaling Pa
2.91	
-2.254	
1.039	
-1.358	Apelin Cardiomyocyte Signaling Pathway
-1.321	AMPK Signaling,Aryl Hydrocarbon Receptor Signaling,Estrogen Receptor Signaling,Glucocorticoid
-2.233	AMPK Signaling,Glucocorticoid Receptor Signaling,Hereditary Breast Cancer Signaling,RAR Activa
1.415	
-2.327	
-3.768	
-2.486	
-1.871	Wnt/β-catenin Signaling
3.365	Wnt/β-catenin Signaling
-1.139	
-1.176	Cardiac Hypertrophy Signaling,Cardiac Hypertrophy Signaling (Enhanced),Cholecystokinin/Gastrin-
-1.564	Axonal Guidance Signaling,Basal Cell Carcinoma Signaling,Molecular Mechanisms of Cancer,Soni
1.548	
-1.386	Synaptogenesis Signaling Pathway,TR/RXR Activation
-1.718	
-1.213	
-2.596	Adrenomedullin signaling pathway
-1.104	
-1.223	
-1.288	
1.524	
-1.488	
2.092	Altered T Cell and B Cell Signaling in Rheumatoid Arthritis,B Cell Activating Factor Signaling,Comm
2.726	Atherosclerosis Signaling,NF-κB Activation by Viruses,T Cell Exhaustion Signaling Pathway
-1.481	
1.93	
-1.24	
1.662	
1.513	
1.479	
1.479	
1.469	
-4.308	
1.486	
1.22	
1.535	
-1.064	Integrin Signaling
-1.261	14-3-3-mediated Signaling,Axonal Guidance Signaling,Breast Cancer Regulation by Stathmin1,Epit
-1.433	Hypoxia Signaling in the Cardiovascular System,Protein Ubiquitination Pathway

3.233	
1.525	
-1.078	
1.142	Protein Ubiquitination Pathway
-1.739	tRNA Charging
1.02	TGF-β Signaling,VDR/RXR Activation
-1.409	
-1.711	
-1.118	Axonal Guidance Signaling,Basal Cell Carcinoma Signaling,Cardiac Hypertrophy Signaling (Enhan
-1.701	Axonal Guidance Signaling,Basal Cell Carcinoma Signaling,Cardiac Hypertrophy Signaling (Enhan
1.066	
-1.611	Epithelial Adherens Junction Signaling,Fcγ Receptor-mediated Phagocytosis in Macrophages and I
-1.611	
-1.323	14-3-3-mediated Signaling,Cell Cycle: G2/M DNA Damage Checkpoint Regulation,ERK5 Signaling,
1.802	RAR Activation
-2.127	
-1.914	
-1.702	
2.821	
-1.311	
1.139	
1.055	Epithelial Adherens Junction Signaling,Germ Cell-Sertoli Cell Junction Signaling,Integrin Signaling,

Acute Myeloid Leukemia Signaling,Acute Phase Response Signaling,Adrenomedullin signaling pathway,Angiop

ng,Neuregulin Signaling
hosphate Biosynthesis,D-myo-inositol (3,4,5,6)-tetrakisphosphate Biosynthesis,D-myo-inositol-5-phosphate Me
Adipocyte Signaling Pathway,Apelin Pancreas Signaling Pathway,Axonal Guidance Signaling,BMP signaling p

g Pathway

mate Receptor Signaling,Gαi Signaling,Neuropathic Pain Signaling In Dorsal Horn Neurons,Synaptic Long Ter
Biosynthesis,Dermatan Sulfate Biosynthesis (Late Stages),Heparan Sulfate Biosynthesis,Heparan Sulfate Bios

thelial Signaling Pathway,Autophagy,B Cell Receptor Signaling,Cardiac Hypertrophy Signaling,Cardiac Hypertr
g

hosphate Biosynthesis,D-myo-inositol (3,4,5,6)-tetrakisphosphate Biosynthesis,D-myo-inositol-5-phosphate Me
1,4,5,6)-Tetrakisphosphate Biosynthesis,D-myo-inositol (3,4,5,6)-tetrakisphosphate Biosynthesis,D-myo-inosito

Receptor Signaling,Hereditary Breast Cancer Signaling,RAR Activation,Role of BRCA1 in DNA Damage Respo
tion,Role of BRCA1 in DNA Damage Response

l protein response

osis Signaling,Autoimmune Thyroid Disease Signaling,Cardiac Hypertrophy Signaling (Enhanced),CD40 Signa
Pathway

Enhanced),G-Protein Coupled Receptor Signaling,Granulocyte Adhesion and Diapedesis,Gαi Signaling,IL-8 Si

vation

d),CD27 Signaling in Lymphocytes,Germ Cell-Sertoli Cell Junction Signaling,GNRH Signaling,HGF Signaling,N
of Cancer,p38 MAPK Signaling,Polyamine Regulation in Colon Cancer,Small Cell Lung Cancer Signaling

aling and Production in Macrophages,LXR/RXR Activation,Production of Nitric Oxide and Reactive Oxygen Spe

ıtion,Role of BRCA1 in DNA Damage Response

-mediated Signaling,EGF Signaling,ERK/MAPK Signaling,Growth Hormone Signaling,HOTAIR Regulatory Patl

thelial Adherens Junction Signaling,Gap Junction Signaling,Germ Cell-Sertoli Cell Junction Signaling,Phagosor

ced),Colorectal Cancer Metastasis Signaling,Glioblastoma Multiforme Signaling,Hepatic Fibrosis Signaling Patl

FAK Signaling,Huntington's Disease Signaling,Integrin Signaling,Mitotic Roles of Polo-Like Kinase,nNOS Signa
optosis of Target Cells,Death Receptor Signaling,Endocannabinoid Cancer Inhibition Pathway,Endoplasmic Re

lation,Cell Cycle: G2/M DNA Damage Checkpoint Regulation,Chronic Myeloid Leukemia Signaling,Cyclins and

ng Neuron Pathway,Endocannabinoid Neuronal Synapse Pathway,G-Protein Coupled Receptor Signaling,Gαi S

itination Pathway

K/MAPK Signaling,FLT3 Signaling in Hematopoietic Progenitor Cells,IL-8 Signaling,Insulin Receptor Signaling,

binoid Neuronal Synapse Pathway,Gap Junction Signaling,Glutamate Receptor Signaling,Neuropathic Pain Si

Activation,VDR/RXR Activation

nhanced),Colorectal Cancer Metastasis Signaling,Hepatic Fibrosis / Hepatic Stellate Cell Activation,IL-6 Signal
e Biosynthesis V (from Ins(1,3,4)P3),Inositol Pyrophosphates Biosynthesis,Superpathway of Inositol Phosphate
naling,IL-8 Signaling,iNOS Signaling,LPS/IL-1 Mediated Inhibition of RXR Function,Neuroinflammation Signalir

synthesis I (Animals),Triacylglycerol Biosynthesis

n Recognition Receptors,Acute Phase Response Signaling,Adrenomedullin signaling pathway,Agrin Interaction
hway,AMPK Signaling,Amyloid Processing,Antioxidant Action of Vitamin C,Apelin Adipocyte Signaling Pathway

d),CD40 Signaling,FGF Signaling,IL-17 Signaling,IL-6 Signaling,Inhibition of ARE-Mediated mRNA Degradation
ckpoint Control

naling,PPARα/RXRα Activation,Production of Nitric Oxide and Reactive Oxygen Species in Macrophages,PXR/
tion

in DNA Damage Response,Role of CHK Proteins in Cell Cycle Checkpoint Control,Sumoylation Pathway
nediated Signaling,Colorectal Cancer Metastasis Signaling,CXCR4 Signaling,Germ Cell-Sertoli Cell Junction S

Apoptosis Signaling,cAMP-mediated signaling,Cardiac Hypertrophy Signaling,Cell Cycle: G2/M DNA Damage C

s, Osteoclasts and Chondrocytes in Rheumatoid Arthritis,Wnt/β-catenin Signaling

ndrial L-carnitine Shuttle Pathway,Stearate Biosynthesis I (Animals),Type II Diabetes Mellitus Signaling,γ-linole

ation,Role of BRCA1 in DNA Damage Response

tat Signaling,Prolactin Signaling,Role of JAK2 in Hormone-like Cytokine Signaling,STAT3 Pathway,Type I Diab

Biosynthesis,Dermatan Sulfate Biosynthesis (Late Stages),Heparan Sulfate Biosynthesis,Heparan Sulfate Bios

in Receptor Signaling,ERK/MAPK Signaling,FGF Signaling,HGF Signaling,IL-3 Signaling,Insulin Receptor Sigr

nd-Receptor Interactions,Growth Hormone Signaling,IGF-1 Signaling,IL-4 Signaling,IL-9 Signaling,ILK Signalin

les De Novo Biosynthesis,Pyrimidine Ribonucleotides Interconversion,Salvage Pathways of Pyrimidine Ribonu

ormone Signaling,CREB Signaling in Neurons,Endocannabinoid Neuronal Synapse Pathway,FcγRIIB Signaling

way,MSP-RON Signaling Pathway

Browning Pathway

nediated Signaling,Colorectal Cancer Metastasis Signaling,CXCR4 Signaling,Germ Cell-Sertoli Cell Junction S

ryotic)

thelial Adherens Junction Signaling,Gap Junction Signaling,Germ Cell-Sertoli Cell Junction Signaling,Phagosor

naling,ERK5 Signaling,Glucocorticoid Receptor Signaling,HIPPO signaling,IGF-1 Signaling,Inhibition of ARE-M

ng Cardiogenesis in Vertebrates,FAT10 Cancer Signaling Pathway,Hepatic Fibrosis Signaling Pathway,Neuroi

naling (Enhanced),G-Protein Coupled Receptor Signaling,Gαi Signaling,α-Adrenergic Signaling

drenomedullin signaling pathway,AMPK Signaling,Amyloid Processing,Angiopoietin Signaling,Apelin Cardiac Fi
adation IV,Fatty Acid α-oxidation,Histamine Degradation,LPS/IL-1 Mediated Inhibition of RXR Function,Noradre

ncer,Phospholipase C Signaling,Reelin Signaling in Neurons,RhoGDI Signaling,Signaling by Rho Family GTPa

ing Pathway

aling in Lymphocytes,Chronic Myeloid Leukemia Signaling,Colorectal Cancer Metastasis Signaling,Docosahexa

ıntington's Disease Signaling,Integrin Signaling,nNOS Signaling in Neurons,Regulation of Cellular Mechanics b

Biosynthesis,Dermatan Sulfate Biosynthesis (Late Stages),Heparan Sulfate Biosynthesis,Heparan Sulfate Bios

es

s from Multipotent Stem Cells,Hematopoiesis from Pluripotent Stem Cells,Hepatic Fibrosis / Hepatic Stellate Ce

nokine Signaling,CXCR4 Signaling,Ephrin B Signaling,Ephrin Receptor Signaling,Granulocyte Adhesion and D

al Innate Immunity

itination Pathway

nesis Signaling Pathway
g Pathway
ithelial-Mesenchymal Transition Pathway,Role of Tissue Factor in Cancer

K/MAPK Signaling,FLT3 Signaling in Hematopoietic Progenitor Cells,IL-8 Signaling,Insulin Receptor Signaling,

g Pathway
Motility,Synaptogenesis Signaling Pathway
Cell Junction Signaling
onse

of Geranylgeranyldiphosphate Biosynthesis I (via Mevalonate),Trans, trans-farnesyl Diphosphate Biosynthesis

tions I,Glutathione-mediated Detoxification,LPS/IL-1 Mediated Inhibition of RXR Function,NRF2-mediated Oxic

trophy Signaling (Enhanced),Cell Cycle: G1/S Checkpoint Regulation,Chronic Myeloid Leukemia Signaling,Cy

way,Th1 Pathway
Cell Receptor Signaling,D-myo-inositol (1,3,4)-trisphosphate Biosynthesis,D-myo-inositol (1,4,5)-trisphosphate

CR3 Signaling in Eosinophils,Cdc42 Signaling,Chemokine Signaling,Death Receptor Signaling,Ephrin A Signa

way,AMPK Signaling,Amyloid Processing,Antioxidant Action of Vitamin C,Apelin Adipocyte Signaling Pathway

,Cardiac Hypertrophy Signaling,Cardiac Hypertrophy Signaling (Enhanced),Cholecystokinin/Gastrin-mediated S

diphosphate Biosynthesis I (via Mevalonate)

r Signaling,B Cell Receptor Signaling,Calcium Signaling,Cardiac Hypertrophy Signaling,Cardiac Hypertrophy S
anced),CDK5 Signaling,Ceramide Signaling,Dendritic Cell Maturation,Ephrin A Signaling,FAT10 Cancer Signali

,Thyroid Cancer Signaling

Axonal Guidance Signaling,CCR3 Signaling in Eosinophils,CXCR4 Signaling,Ephrin Receptor Signaling,ErbB S

aling and Production in Macrophages,LXR/RXR Activation,Production of Nitric Oxide and Reactive Oxygen Spe
ng,G-Protein Coupled Receptor Signaling,Gustation Pathway,Phototransduction Pathway,Protein Kinase A Sig
is / Hepatic Stellate Cell Activation,Hepatic Fibrosis Signaling Pathway,Human Embryonic Stem Cell Pluripoter

eloid Leukemia Signaling,Acute Phase Response Signaling,Adrenomedullin signaling pathway,Aldosterone Sig

ells,Clathrin-mediated Endocytosis Signaling,D-myo-inositol (1,4,5)-Trisphosphate Biosynthesis,Rac Signaling,
ells,Antioxidant Action of Vitamin C,Apelin Cardiomyocyte Signaling Pathway,Apelin Endothelial Signaling Path
ells,Antioxidant Action of Vitamin C,Apelin Cardiomyocyte Signaling Pathway,Axonal Guidance Signaling,Cardi

sponse

1,4,5,6)-Tetrakisphosphate Biosynthesis,D-myo-inositol (3,4,5,6)-tetrakisphosphate Biosynthesis,D-myo-inosito
tion

Adipocyte Signaling Pathway,Apelin Pancreas Signaling Pathway,Axonal Guidance Signaling,BMP signaling p

d Monocytes

,Human Embryonic Stem Cell Pluripotency,Osteoarthritis Pathway,Sphingosine-1-phosphate Signaling,System

ndrial L-carnitine Shuttle Pathway,Stearate Biosynthesis I (Animals),Type II Diabetes Mellitus Signaling,γ-linole
athway,Growth Hormone Signaling,HIF1α Signaling,Hypoxia Signaling in the Cardiovascular System,Insulin Re

Receptor Signaling,Hereditary Breast Cancer Signaling,RAR Activation,Role of BRCA1 in DNA Damage Resp
ation,Role of BRCA1 in DNA Damage Response

-mediated Signaling,EGF Signaling,ERK/MAPK Signaling,Growth Hormone Signaling,HOTAIR Regulatory Path
c Hedgehog Signaling

unication between Innate and Adaptive Immune Cells,Primary Immunodeficiency Signaling,Systemic Lupus Er

thelial Adherens Junction Signaling,Gap Junction Signaling,Germ Cell-Sertoli Cell Junction Signaling,Phagosor

ced),Colorectal Cancer Metastasis Signaling,Glioblastoma Multiforme Signaling,Hepatic Fibrosis Signaling Patl
ced),Colorectal Cancer Metastasis Signaling,Glioblastoma Multiforme Signaling,Hepatic Fibrosis Signaling Patl

Monocytes,IL-15 Production,Opioid Signaling Pathway,Reelin Signaling in Neurons,Role of Tissue Factor in Ca

,HIPPO signaling,IGF-1 Signaling,Inhibition of ARE-Mediated mRNA Degradation Pathway,Myc Mediated Apop

Remodeling of Epithelial Adherens Junctions

poietin Signaling,Axonal Guidance Signaling,B Cell Receptor Signaling,BMP signaling pathway,Breast Cancer

etabolism,Superpathway of Inositol Phosphate Compounds
pathway,Breast Cancer Regulation by Stathmin1,Calcium Signaling,cAMP-mediated signaling,Cardiac Hypertro

m Depression,Synaptic Long Term Potentiation,Synaptogenesis Signaling Pathway
synthesis (Late Stages),LPS/IL-1 Mediated Inhibition of RXR Function,Xenobiotic Metabolism Signaling

ophy Signaling (Enhanced),CNTF Signaling,EGF Signaling,Endocannabinoid Cancer Inhibition Pathway,Endo

etabolism,Superpathway of Inositol Phosphate Compounds
l-5-phosphate Metabolism,Superpathway of Inositol Phosphate Compounds

onse

aling,Communication between Innate and Adaptive Immune Cells,Crosstalk between Dendritic Cells and Natura

gnaling,Osteoarthritis Pathway,PI3K/AKT Signaling,STAT3 Pathway

IGF Signaling,PKCθ Signaling in T Lymphocytes,Production of Nitric Oxide and Reactive Oxygen Species in M

ecies in Macrophages

nway,IGF-1 Signaling,IL-6 Signaling,LPS-stimulated MAPK Signaling,Opioid Signaling Pathway,p38 MAPK Sig

me Maturation,Remodeling of Epithelial Adherens Junctions,Sertoli Cell-Sertoli Cell Junction Signaling,Sirtuin S

nway,HOTAIR Regulatory Pathway,Human Embryonic Stem Cell Pluripotency,Molecular Mechanisms of Cance

ling in Neurons,Regulation of Cellular Mechanics by Calpain Protease,Senescence Pathway
eticulum Stress Pathway,Endothelin-1 Signaling,Huntington's Disease Signaling,Molecular Mechanisms of Can

Cell Cycle Regulation,Glioblastoma Multiforme Signaling,Glioma Signaling,HGF Signaling,Melanoma Signaling

Signaling,Reelin Signaling in Neurons

mTOR Signaling,PI3K/AKT Signaling,Regulation of eIF4 and p70S6K Signaling,Senescence Pathway,Synaptc

gnaling In Dorsal Horn Neurons,Synaptic Long Term Depression,Synaptic Long Term Potentiation,Synaptogen

ling,Iron homeostasis signaling pathway,Neuroinflammation Signaling Pathway,PI3K/AKT Signaling,Role of JA
Compounds
ng Pathway,NF-κB Signaling,p38 MAPK Signaling,Pyridoxal 5'-phosphate Salvage Pathway,Role of Macrophag

s at Neuromuscular Junction,AMPK Signaling,Amyloid Processing,Antioxidant Action of Vitamin C,Apelin Adip
,Apelin Cardiomyocyte Signaling Pathway,April Mediated Signaling,ATM Signaling,B Cell Activating Factor Sig

ı Pathway,p38 MAPK Signaling,RAR Activation,Role of IL-17A in Arthritis,Role of Macrophages, Fibroblasts an

RXR Activation,Sirtuin Signaling Pathway,Toll-like Receptor Signaling,White Adipose Tissue Browning Pathwa

ignaling,Glioblastoma Multiforme Signaling,Glioma Invasiveness Signaling,Gαq Signaling,Hepatic Fibrosis Sigr

Checkpoint Regulation,CNTF Signaling,CREB Signaling in Neurons,ERK/MAPK Signaling,ERK5 Signaling,FLT

enate Biosynthesis II (Animals)

betes Mellitus Signaling,Type II Diabetes Mellitus Signaling

ynthesis (Late Stages),LPS/IL-1 Mediated Inhibition of RXR Function,Xenobiotic Metabolism Signaling

aling,Integrin Signaling,Leukocyte Extravasation Signaling,Neuregulin Signaling,PDGF Signaling,Reelin Signa

g,Insulin Receptor Signaling,Molecular Mechanisms of Cancer,mTOR Signaling,p70S6K Signaling,PI3K Signal

cleotides

in B Lymphocytes,G Beta Gamma Signaling,GABA Receptor Signaling,GNRH Signaling,GPCR-Mediated Nut

ignaling,Glioblastoma Multiforme Signaling,Glioma Invasiveness Signaling,Gαq Signaling,Hepatic Fibrosis Sigr

me Maturation,Remodeling of Epithelial Adherens Junctions,Sertoli Cell-Sertoli Cell Junction Signaling,Sirtuin S

ediated mRNA Degradation Pathway,Myc Mediated Apoptosis Signaling,p70S6K Signaling,PI3K/AKT Signalin

nflammation Signaling Pathway,PPARα/RXRα Activation,Senescence Pathway,T Cell Exhaustion Signaling Pa

broblast Signaling Pathway,Apelin Cardiomyocyte Signaling Pathway,Apelin Endothelial Signaling Pathway,Ap
naline and Adrenaline Degradation,Oxidative Ethanol Degradation III,Putrescine Degradation III,RAR Activatio

ses,Thrombin Signaling

aenoic Acid (DHA) Signaling,Glucocorticoid Receptor Signaling,GM-CSF Signaling,Huntington's Disease Signa

›y Calpain Protease,Senescence Pathway

ʒynthesis (Late Stages),LPS/IL-1 Mediated Inhibition of RXR Function,Xenobiotic Metabolism Signaling

ell Activation,Macropinocytosis Signaling,MSP-RON Signaling Pathway,Role of Macrophages, Fibroblasts and

iapedesis,Leukocyte Extravasation Signaling,Neuroinflammation Signaling Pathway,Role of Macrophages, Fib

mTOR Signaling,PI3K/AKT Signaling,Regulation of eIF4 and p70S6K Signaling,Senescence Pathway,Synaptc

s

dative Stress Response,PXR/RXR Activation,Xenobiotic Metabolism Signaling

clins and Cell Cycle Regulation,DNA Methylation and Transcriptional Repression Signaling,Hereditary Breast C

Degradation,Fc Epsilon RI Signaling,IL-4 Signaling,Insulin Receptor Signaling,Natural Killer Cell Signaling,PD

ling,Ephrin B Signaling,Ephrin Receptor Signaling,Germ Cell-Sertoli Cell Junction Signaling,IL-8 Signaling,PAK

,Apelin Cardiomyocyte Signaling Pathway,April Mediated Signaling,ATM Signaling,B Cell Activating Factor Sig

Signaling,Corticotropin Releasing Hormone Signaling,ERK5 Signaling,Gα12/13 Signaling,Nur77 Signaling in T

signaling (Enhanced),CD28 Signaling in T Helper Cells,fMLP Signaling in Neutrophils,Glucocorticoid Receptor S
ng Pathway,Granulocyte Adhesion and Diapedesis,Hepatic Cholestasis,Hepatic Fibrosis / Hepatic Stellate Cell

ignaling,ERK/MAPK Signaling,FAK Signaling,Germ Cell-Sertoli Cell Junction Signaling,GNRH Signaling,Integr

ecies in Macrophages
naling,Relaxin Signaling,tRNA Splicing,Wnt/Ca+ pathway
ıcy,IL-15 Production,Iron homeostasis signaling pathway,NF-κB Signaling,PAK Signaling,PDGF Signaling,PPA

gnaling in Epithelial Cells,AMPK Signaling,Amyotrophic Lateral Sclerosis Signaling,Angiopoietin Signaling,Antip

Regulation of Actin-based Motility by Rho,RhoA Signaling,RhoGDI Signaling,Signaling by Rho Family GTPases
ıway,Axonal Guidance Signaling,Breast Cancer Regulation by Stathmin1,Cardiac Hypertrophy Signaling,Cardia
ac Hypertrophy Signaling,Cardiac Hypertrophy Signaling (Enhanced),Cellular Effects of Sildenafil (Viagra),CRE

l-5-phosphate Metabolism,Superpathway of Inositol Phosphate Compounds

pathway,Breast Cancer Regulation by Stathmin1,Calcium Signaling,cAMP-mediated signaling,Cardiac Hypertro

nic Lupus Erythematosus In T Cell Signaling Pathway

enate Biosynthesis II (Animals)
ceptor Signaling,Melatonin Signaling,Type II Diabetes Mellitus Signaling,Vitamin-C Transport

onse

nway,IGF-1 Signaling,IL-6 Signaling,LPS-stimulated MAPK Signaling,Opioid Signaling Pathway,p38 MAPK Sig

rythematosus In B Cell Signaling Pathway,Systemic Lupus Erythematosus Signaling

me Maturation,Remodeling of Epithelial Adherens Junctions,Sertoli Cell-Sertoli Cell Junction Signaling

nway,HOTAIR Regulatory Pathway,Human Embryonic Stem Cell Pluripotency,Molecular Mechanisms of Cance
nway,HOTAIR Regulatory Pathway,Human Embryonic Stem Cell Pluripotency,Molecular Mechanisms of Cance

ıncer,Sperm Motility,Synaptogenesis Signaling Pathway,Systemic Lupus Erythematosus In B Cell Signaling Pa

ɔtosis Signaling,Neuroprotective Role of THOP1 in Alzheimer's Disease,p70S6K Signaling,PI3K/AKT Signaling

Regulation by Stathmin1,Cardiac Hypertrophy Signaling,CD28 Signaling in T Helper Cells,Cholecystokinin/Gas

ophy Signaling,Cardiac Hypertrophy Signaling (Enhanced),Cardiac β-adrenergic Signaling,CDK5 Signaling,Cell

cannabinoid Developing Neuron Pathway,ErbB Signaling,FLT3 Signaling in Hematopoietic Progenitor Cells,Gli

al Killer Cells,Dendritic Cell Maturation,Hepatic Cholestasis,Hepatic Fibrosis / Hepatic Stellate Cell Activation,H

acrophages,RANK Signaling in Osteoclasts,SAPK/JNK Signaling,Sertoli Cell-Sertoli Cell Junction Signaling,Sig

naling,PDGF Signaling,PEDF Signaling

Signaling Pathway

er,Ovarian Cancer Signaling,PCP pathway,Regulation of the Epithelial-Mesenchymal Transition Pathway,Role

cer,Osteoarthritis Pathway,PEDF Signaling,Sphingosine-1-phosphate Signaling,Systemic Lupus Erythematosu

g,Molecular Mechanisms of Cancer,Myc Mediated Apoptosis Signaling,Non-Small Cell Lung Cancer Signaling,(

genesis Signaling Pathway,UVB-Induced MAPK Signaling

esis Signaling Pathway

K family kinases in IL-6-type Cytokine Signaling,Role of Macrophages, Fibroblasts and Endothelial Cells in Rhe

es, Fibroblasts and Endothelial Cells in Rheumatoid Arthritis,Salvage Pathways of Pyrimidine Ribonucleotides,

ocyte Signaling Pathway,Apelin Cardiomyocyte Signaling Pathway,Apelin Endothelial Signaling Pathway,Apelir
naling,B Cell Receptor Signaling,BAG2 Signaling Pathway,BMP signaling pathway,Cardiac Hypertrophy Signa

d Endothelial Cells in Rheumatoid Arthritis,Senescence Pathway

y

naling Pathway,HMGB1 Signaling,IL-8 Signaling,ILK Signaling,Integrin Signaling,Mitochondrial Dysfunction,Mol

3 Signaling in Hematopoietic Progenitor Cells,G-Protein Coupled Receptor Signaling,Growth Hormone Signalir

ling in Neurons,Role of PI3K/AKT Signaling in the Pathogenesis of Influenza,SAPK/JNK Signaling,Synaptogen

ing in B Lymphocytes,PPARα/RXRα Activation,Prolactin Signaling,Regulation of eIF4 and p70S6K Signaling,R

rient Sensing in Enteroendocrine Cells,Gustation Pathway,Netrin Signaling,nNOS Signaling in Skeletal Muscle

naling Pathway,HMGB1 Signaling,IL-8 Signaling,ILK Signaling,Integrin Signaling,Mitochondrial Dysfunction,Mol

Signaling Pathway

g,Protein Kinase A Signaling,PTEN Signaling

thway,TGF-β Signaling,Th1 and Th2 Activation Pathway,Th2 Pathway,Wnt/β-catenin Signaling

elin Muscle Signaling Pathway,Axonal Guidance Signaling,B Cell Receptor Signaling,Cancer Drug Resistance
n,Retinoate Biosynthesis I,Serotonin Degradation,Tryptophan Degradation X (Mammalian, via Tryptamine),Xer

ling,IL-15 Signaling,IL-8 Signaling,Induction of Apoptosis by HIV1,JAK/Stat Signaling,Lymphotoxin β Receptor

Endothelial Cells in Rheumatoid Arthritis,Role of Osteoblasts, Osteoclasts and Chondrocytes in Rheumatoid Ar

roblasts and Endothelial Cells in Rheumatoid Arthritis,Thyroid Cancer Signaling

genesis Signaling Pathway,UVB-Induced MAPK Signaling

Cancer Signaling,HOTAIR Regulatory Pathway,Huntington's Disease Signaling,NF-κB Signaling,Nur77 Signalin

GF Signaling,PI3K/AKT Signaling,PTEN Signaling,Superpathway of D-myo-inositol (1,4,5)-trisphosphate Metab

C Signaling,Pyridoxal 5'-phosphate Salvage Pathway,Rac Signaling,Reelin Signaling in Neurons,Regulation of A

naling,B Cell Receptor Signaling,BMP signaling pathway,Cardiac Hypertrophy Signaling,Cardiac Hypertrophy S

Lymphocytes,p38 MAPK Signaling,Phospholipase C Signaling,Role of NFAT in Cardiac Hypertrophy,Role of N

Signaling,Gαq Signaling,iCOS-iCOSL Signaling in T Helper Cells,IL-4 Signaling,Netrin Signaling,Neuroinflamma
l Activation,Hepatic Fibrosis Signaling Pathway,HMGB1 Signaling,IL-6 Signaling,Induction of Apoptosis by HIV

in Signaling,Molecular Mechanisms of Cancer,Natural Killer Cell Signaling,PAK Signaling,Paxillin Signaling,Ra

R Signaling,PTEN Signaling,Regulation of the Epithelial-Mesenchymal Transition Pathway,Sperm Motility,Sphi

roliferative Role of Somatostatin Receptor 2,Apelin Cardiomyocyte Signaling Pathway,Apelin Endothelial Signa

s,Superpathway of Inositol Phosphate Compounds
ac Hypertrophy Signaling (Enhanced),CCR3 Signaling in Eosinophils,Cellular Effects of Sildenafil (Viagra),Cher
EB Signaling in Neurons,D-myo-inositol (1,4,5)-Trisphosphate Biosynthesis,D-myo-inositol-5-phosphate Metabo

ophy Signaling,Cardiac Hypertrophy Signaling (Enhanced),Cardiac β-adrenergic Signaling,CDK5 Signaling,Cell

naling,PDGF Signaling,PEDF Signaling

er,Ovarian Cancer Signaling,PCP pathway,Regulation of the Epithelial-Mesenchymal Transition Pathway,Role
er,Mouse Embryonic Stem Cell Pluripotency,Osteoarthritis Pathway,Ovarian Cancer Signaling,PCP pathway,Re

thway,Systemic Lupus Erythematosus In T Cell Signaling Pathway,Tec Kinase Signaling

,Protein Kinase A Signaling,VEGF Signaling

strin-mediated Signaling,Chronic Myeloid Leukemia Signaling,Clathrin-mediated Endocytosis Signaling,CNTF S

lular Effects of Sildenafil (Viagra),Colorectal Cancer Metastasis Signaling,Corticotropin Releasing Hormone Sig

oblastoma Multiforme Signaling,Glioma Signaling,Hepatic Fibrosis Signaling Pathway,Huntington's Disease Sig

epatic Fibrosis Signaling Pathway,HMGB1 Signaling,iCOS-iCOSL Signaling in T Helper Cells,IL-12 Signaling a

gnaling by Rho Family GTPases,STAT3 Pathway,Xenobiotic Metabolism Signaling

of Macrophages, Fibroblasts and Endothelial Cells in Rheumatoid Arthritis,Role of NANOG in Mammalian Emb

s In T Cell Signaling Pathway,TNFR1 Signaling,Tumoricidal Function of Hepatic Natural Killer Cells,TWEAK Si

Ovarian Cancer Signaling,p53 Signaling,Pancreatic Adenocarcinoma Signaling,Role of p14/p19ARF in Tumor S

eumatoid Arthritis,SPINK1 General Cancer Pathway,STAT3 Pathway,Systemic Lupus Erythematosus In B Cell

,Systemic Lupus Erythematosus In B Cell Signaling Pathway,Th17 Activation Pathway,Toll-like Receptor Signa

n Liver Signaling Pathway,Apelin Pancreas Signaling Pathway,April Mediated Signaling,ATM Signaling,B Cell A
ling,Cardiac Hypertrophy Signaling (Enhanced),CCR3 Signaling in Eosinophils,CCR5 Signaling in Macrophage

lecular Mechanisms of Cancer,mTOR Signaling,Phagosome Formation,Phospholipase C Signaling,Production

ng,Melanocyte Development and Pigmentation Signaling,mTOR Signaling,Neurotrophin/TRK Signaling,NGF Si

ıesis Signaling Pathway

:ole of JAK1 and JAK3 in γc Cytokine Signaling,Role of JAK2 in Hormone-like Cytokine Signaling,SAPK/JNK Si

Cells,Opioid Signaling Pathway,PKCθ Signaling in T Lymphocytes,Role of NFAT in Cardiac Hypertrophy,Syna

lecular Mechanisms of Cancer,mTOR Signaling,Phagosome Formation,Phospholipase C Signaling,Production

By Drug Efflux,Cardiac Hypertrophy Signaling (Enhanced),CD28 Signaling in T Helper Cells,Ceramide Signalir
nobiotic Metabolism Signaling

Signaling,Molecular Mechanisms of Cancer,OX40 Signaling Pathway,p53 Signaling,Pancreatic Adenocarcinon

thritis,Role of Tissue Factor in Cancer

g in T Lymphocytes,p53 Signaling,Phospholipase C Signaling,Role of NFAT in Cardiac Hypertrophy,Sumoylati

olism,Superpathway of Inositol Phosphate Compounds,Systemic Lupus Erythematosus In B Cell Signaling Pa

Actin-based Motility by Rho,RhoA Signaling,RhoGDI Signaling,Role of Tissue Factor in Cancer,Salvage Pathwa

Signaling (Enhanced),CCR3 Signaling in Eosinophils,CCR5 Signaling in Macrophages,CD40 Signaling,Cdc42

FAT in Regulation of the Immune Response

ation Signaling Pathway,Phospholipase C Signaling,PI3K Signaling in B Lymphocytes,PKCθ Signaling in T Lym
1,Inhibition of ARE-Mediated mRNA Degradation Pathway,LPS/IL-1 Mediated Inhibition of RXR Function,LXR/

c Signaling,Regulation of Actin-based Motility by Rho,Renal Cell Carcinoma Signaling,Renin-Angiotensin Signa

ngosine-1-phosphate Signaling,STAT3 Pathway

aling Pathway,Apelin Pancreas Signaling Pathway,Axonal Guidance Signaling,B Cell Receptor Signaling,Breas

nokine Signaling,Cholecystokinin/Gastrin-mediated Signaling,CREB Signaling in Neurons,CXCR4 Signaling,D-
olism,Dendritic Cell Maturation,Dopamine-DARPP32 Feedback in cAMP Signaling,Endocannabinoid Neuronal S

lular Effects of Sildenafil (Viagra),Colorectal Cancer Metastasis Signaling,Corticotropin Releasing Hormone Sig

of Macrophages, Fibroblasts and Endothelial Cells in Rheumatoid Arthritis,Role of NANOG in Mammalian Emb
egulation of the Epithelial-Mesenchymal Transition Pathway,Role of Macrophages, Fibroblasts and Endothelial

Signaling,Colorectal Cancer Metastasis Signaling,CREB Signaling in Neurons,CTLA4 Signaling in Cytotoxic T L

naling,CREB Signaling in Neurons,Dopamine Receptor Signaling,Dopamine-DARPP32 Feedback in cAMP Sig

naling,IL-4 Signaling,IL-8 Signaling,ILK Signaling,Insulin Receptor Signaling,JAK/Stat Signaling,mTOR Signali

nd Production in Macrophages,Inhibition of ARE-Mediated mRNA Degradation Pathway,NF-κB Signaling,Prima

ryonic Stem Cell Pluripotency,Role of Osteoblasts, Osteoclasts and Chondrocytes in Rheumatoid Arthritis,Role

gnaling

Suppression,Senescence Pathway,Wnt/β-catenin Signaling

Signaling Pathway,Systemic Lupus Erythematosus Signaling,T Cell Exhaustion Signaling Pathway,T Helper C

ıling,TREM1 Signaling,Type I Diabetes Mellitus Signaling

Activating Factor Signaling,B Cell Receptor Signaling,BMP signaling pathway,Cardiac Hypertrophy Signaling,Ca
es,CD40 Signaling,Cdc42 Signaling,CDK5 Signaling,Chemokine Signaling,Cholecystokinin/Gastrin-mediated Si

of Nitric Oxide and Reactive Oxygen Species in Macrophages,Regulation of Actin-based Motility by Rho,RhoG

gnaling,Opioid Signaling Pathway,p38 MAPK Signaling,Role of IL-17A in Arthritis,Role of IL-17F in Allergic Infla

ignaling,Type II Diabetes Mellitus Signaling

ıptic Long Term Depression,Synaptogenesis Signaling Pathway,Type II Diabetes Mellitus Signaling,White Adip

of Nitric Oxide and Reactive Oxygen Species in Macrophages,Regulation of Actin-based Motility by Rho,RhoG

ng,Chronic Myeloid Leukemia Signaling,Colorectal Cancer Metastasis Signaling,CREB Signaling in Neurons,C

na Signaling,PD-1, PD-L1 cancer immunotherapy pathway,PEDF Signaling,PI3K/AKT Signaling,PTEN Signalin

on Pathway,Telomerase Signaling,TGF-β Signaling,Wnt/β-catenin Signaling

thway

ays of Pyrimidine Ribonucleotides,Semaphorin Signaling in Neurons,Signaling by Rho Family GTPases,Synapt

Signaling,CDK5 Signaling,Chemokine Signaling,Corticotropin Releasing Hormone Signaling,Dendritic Cell Mat

nphocytes,Protein Kinase A Signaling,Regulation of IL-2 Expression in Activated and Anergic T Lymphocytes,R
RXR Activation,Neurotrophin/TRK Signaling,NF-κB Signaling,NGF Signaling,PD-1, PD-L1 cancer immunothera

aling,RhoGDI Signaling,Semaphorin Signaling in Neurons,Signaling by Rho Family GTPases,Tec Kinase Signa

st Cancer Regulation by Stathmin1,Cancer Drug Resistance By Drug Efflux,Cardiac Hypertrophy Signaling,Car

-myo-inositol (1,4,5)-Trisphosphate Biosynthesis,D-myo-inositol-5-phosphate Metabolism,Dendritic Cell Maturat
Synapse Pathway,Endothelin-1 Signaling,Gap Junction Signaling,Glioblastoma Multiforme Signaling,GPCR-Me

naling,CREB Signaling in Neurons,Dopamine Receptor Signaling,Dopamine-DARPP32 Feedback in cAMP Sig

ryonic Stem Cell Pluripotency,Role of Osteoblasts, Osteoclasts and Chondrocytes in Rheumatoid Arthritis,Role
Cells in Rheumatoid Arthritis,Role of NANOG in Mammalian Embryonic Stem Cell Pluripotency,Role of Osteob

ymphocytes,EGF Signaling,EIF2 Signaling,Endometrial Cancer Signaling,Endothelin-1 Signaling,Ephrin Recep

naling,Endocannabinoid Cancer Inhibition Pathway,Endocannabinoid Developing Neuron Pathway,Endocanna

ing,Neuregulin Signaling,Osteoarthritis Pathway,Ovarian Cancer Signaling,p70S6K Signaling,PI3K/AKT Signali

ary Immunodeficiency Signaling,Role of Pattern Recognition Receptors in Recognition of Bacteria and Viruses,

e of Wnt/GSK-3β Signaling in the Pathogenesis of Influenza,Wnt/β-catenin Signaling

ell Differentiation,Th1 and Th2 Activation Pathway,Th1 Pathway,Th17 Activation Pathway

ardiac Hypertrophy Signaling (Enhanced),CCR3 Signaling in Eosinophils,CCR5 Signaling in Macrophages,CD2
ignaling,Corticotropin Releasing Hormone Signaling,Dendritic Cell Maturation,EGF Signaling,Endocannabinoid

DI Signaling,Semaphorin Signaling in Neurons,Signaling by Rho Family GTPases,Sphingosine-1-phosphate S

ammatory Airway Diseases,Role of Tissue Factor in Cancer,Synaptic Long Term Potentiation,UVA-Induced MA

ose Tissue Browning Pathway

DI Signaling,Semaphorin Signaling in Neurons,Signaling by Rho Family GTPases,Sphingosine-1-phosphate S

TLA4 Signaling in Cytotoxic T Lymphocytes,CXCR4 Signaling,Dendritic Cell Maturation,DNA damage-induced

g,Role of Tissue Factor in Cancer,Small Cell Lung Cancer Signaling,Systemic Lupus Erythematosus In B Cell

:ogenesis Signaling Pathway

uration,EGF Signaling,Endocannabinoid Developing Neuron Pathway,Endocannabinoid Neuronal Synapse Pat

:ole of Macrophages, Fibroblasts and Endothelial Cells in Rheumatoid Arthritis,Role of NFAT in Cardiac Hypert
ıpy pathway,PPAR Signaling,Production of Nitric Oxide and Reactive Oxygen Species in Macrophages,Protein

ling,TNFR1 Signaling

diac Hypertrophy Signaling (Enhanced),CCR3 Signaling in Eosinophils,CD28 Signaling in T Helper Cells,CD40

tion,Dopamine-DARPP32 Feedback in cAMP Signaling,Endocannabinoid Neuronal Synapse Pathway,Endothe
ediated Integration of Enteroendocrine Signaling Exemplified by an L Cell,GPCR-Mediated Nutrient Sensing in

gnaling,Endocannabinoid Cancer Inhibition Pathway,Endocannabinoid Developing Neuron Pathway,Endocanna

e of Wnt/GSK-3β Signaling in the Pathogenesis of Influenza,Wnt/β-catenin Signaling
blasts, Osteoclasts and Chondrocytes in Rheumatoid Arthritis,Role of Wnt/GSK-3β Signaling in the Pathogenes

ɔtor Signaling,ErbB Signaling,ErbB2-ErbB3 Signaling,ErbB4 Signaling,ERK/MAPK Signaling,Erythropoietin Sig

abinoid Neuronal Synapse Pathway,eNOS Signaling,ERK/MAPK Signaling,G Beta Gamma Signaling,G-Protei

ing,Prostate Cancer Signaling,Reelin Signaling in Neurons,Regulation of eIF4 and p70S6K Signaling,Role of Ti

Systemic Lupus Erythematosus In B Cell Signaling Pathway,Systemic Lupus Erythematosus In T Cell Signalin

27 Signaling in Lymphocytes,CD28 Signaling in T Helper Cells,CD40 Signaling,Cdc42 Signaling,CDK5 Signalin
Cancer Inhibition Pathway,Endocannabinoid Developing Neuron Pathway,Endocannabinoid Neuronal Synaps

ignaling,Sumoylation Pathway,Systemic Lupus Erythematosus In T Cell Signaling Pathway,Tec Kinase Signali

APK Signaling

ignaling,Sumoylation Pathway,Systemic Lupus Erythematosus In T Cell Signaling Pathway,Tec Kinase Signali

14-3-3σ Signaling,Docosahexaenoic Acid (DHA) Signaling,EGF Signaling,EIF2 Signaling,Endocannabinoid Ca

Signaling Pathway,UVA-Induced MAPK Signaling,VEGF Signaling

thway,Endothelin-1 Signaling,ErbB Signaling,Fc Epsilon RI Signaling,FGF Signaling,FLT3 Signaling in Hemato

rophy,Role of NFAT in Regulation of the Immune Response,Role of Osteoblasts, Osteoclasts and Chondrocyte
Kinase A Signaling,PTEN Signaling,Role of Macrophages, Fibroblasts and Endothelial Cells in Rheumatoid Ar

Signaling,Ceramide Signaling,Chronic Myeloid Leukemia Signaling,Clathrin-mediated Endocytosis Signaling,C

elin-1 Signaling,fMLP Signaling in Neutrophils,G Protein Signaling Mediated by Tubby,G-Protein Coupled Rece
Enteroendocrine Cells,Leptin Signaling in Obesity,Melatonin Signaling,Neuropathic Pain Signaling In Dorsal Ho

abinoid Neuronal Synapse Pathway,eNOS Signaling,ERK/MAPK Signaling,G Beta Gamma Signaling,G-Protein

sis of Influenza,Wnt/β-catenin Signaling

naling,Estrogen Receptor Signaling,FAK Signaling,Fc Epsilon RI Signaling,FcγRIIB Signaling in B Lymphocytes

n Coupled Receptor Signaling,Gap Junction Signaling,GNRH Signaling,GPCR-Mediated Integration of Enteroen

issue Factor in Cancer,Senescence Pathway,Sirtuin Signaling Pathway,Synaptogenesis Signaling Pathway,Sy

g Pathway,Systemic Lupus Erythematosus Signaling,T Helper Cell Differentiation,Th1 and Th2 Activation Path

g,Chemokine Signaling,Cholecystokinin/Gastrin-mediated Signaling,Colorectal Cancer Metastasis Signaling,C
e Pathway,Endothelin-1 Signaling,ErbB Signaling,Factors Promoting Cardiogenesis in Vertebrates,Fc Epsilon

ng,Thrombin Signaling

ng,Thrombin Signaling

ıncer Inhibition Pathway,Endocannabinoid Developing Neuron Pathway,Endometrial Cancer Signaling,eNOS S

poietic Progenitor Cells,Glucocorticoid Receptor Signaling,GNRH Signaling,Hepatic Fibrosis Signaling Pathwa

es in Rheumatoid Arthritis,Senescence Pathway,Systemic Lupus Erythematosus In B Cell Signaling Pathway,S
thritis,Role of Osteoblasts, Osteoclasts and Chondrocytes in Rheumatoid Arthritis,STAT3 Pathway,T Helper Ce

CNTF Signaling,Colorectal Cancer Metastasis Signaling,CREB Signaling in Neurons,CTLA4 Signaling in Cytoto

ptor Signaling,Gap Junction Signaling,Glioblastoma Multiforme Signaling,GNRH Signaling,GPCR-Mediated Inte
orn Neurons,P2Y Purigenic Receptor Signaling Pathway,p70S6K Signaling,Phagosome Formation,Phospholipa

n Coupled Receptor Signaling,Gap Junction Signaling,Glucocorticoid Receptor Signaling,GNRH Signaling,GPC

s,FGF Signaling,FLT3 Signaling in Hematopoietic Progenitor Cells,G Beta Gamma Signaling,G-Protein Couple

ndocrine Signaling Exemplified by an L Cell,GPCR-Mediated Nutrient Sensing in Enteroendocrine Cells,Gustat

stemic Lupus Erythematosus In B Cell Signaling Pathway,Systemic Lupus Erythematosus In T Cell Signaling F

way,Th1 Pathway

orticotropin Releasing Hormone Signaling,CXCR4 Signaling,Dendritic Cell Maturation,EGF Signaling,Endocanr
RI Signaling,FGF Signaling,FLT3 Signaling in Hematopoietic Progenitor Cells,Germ Cell-Sertoli Cell Junction S

ignaling,Ephrin Receptor Signaling,Epithelial Adherens Junction Signaling,Erythropoietin Signaling,Estrogen-D

y,HIF1α Signaling,HMGB1 Signaling,IL-1 Signaling,IL-10 Signaling,IL-12 Signaling and Production in Macropha

ystemic Lupus Erythematosus Signaling,T Cell Exhaustion Signaling Pathway,T Cell Receptor Signaling,Th1 a
ell Differentiation,Tight Junction Signaling,Type I Diabetes Mellitus Signaling,Type II Diabetes Mellitus Signaling

xic T Lymphocytes,CXCR4 Signaling,Dendritic Cell Maturation,Docosahexaenoic Acid (DHA) Signaling,EGF S

egration of Enteroendocrine Signaling Exemplified by an L Cell,GPCR-Mediated Nutrient Sensing in Enteroend
ase C Signaling,Phospholipases,PI3K Signaling in B Lymphocytes,PPARα/RXRα Activation,Protein Kinase A S

R-Mediated Integration of Enteroendocrine Signaling Exemplified by an L Cell,GPCR-Mediated Nutrient Sensir

d Receptor Signaling,Gap Junction Signaling,GDNF Family Ligand-Receptor Interactions,Glioblastoma Multifor

ion Pathway,Gαi Signaling,Gαs Signaling,Hepatic Cholestasis,Hepatic Fibrosis Signaling Pathway,IGF-1 Signa

Pathway,Systemic Lupus Erythematosus Signaling,T Cell Exhaustion Signaling Pathway,Th17 Activation Pathw

nabinoid Developing Neuron Pathway,Endocannabinoid Neuronal Synapse Pathway,Endothelin-1 Signaling,Erl
Signaling,Glucocorticoid Receptor Signaling,GNRH Signaling,Hepatic Fibrosis Signaling Pathway,HIF1α Signali

ages,IL-15 Signaling,IL-17 Signaling,IL-17A Signaling in Airway Cells,IL-17A Signaling in Fibroblasts,IL-17A Sig

nd Th2 Activation Pathway,Th1 Pathway,Th17 Activation Pathway,Wnt/Ca+ pathway
g

ignaling,EIF2 Signaling,Endocannabinoid Cancer Inhibition Pathway,Endocannabinoid Developing Neuron Pat

ocrine Cells,Gαq Signaling,Huntington's Disease Signaling,Leptin Signaling in Obesity,Melatonin Signaling,Mo
Signaling,Role of Macrophages, Fibroblasts and Endothelial Cells in Rheumatoid Arthritis,Role of NFAT in Cardi

ng in Enteroendocrine Cells,Gustation Pathway,Gαi Signaling,Gαs Signaling,Hepatic Cholestasis,Hepatic Fibro

rme Signaling,Glioma Signaling,Glucocorticoid Receptor Signaling,GM-CSF Signaling,GNRH Signaling,Gαi Sig

ıling,IL-1 Signaling,Inhibition of ARE-Mediated mRNA Degradation Pathway,Insulin Receptor Signaling,Leptin S

ıay,TR/RXR Activation,Type II Diabetes Mellitus Signaling,UVA-Induced MAPK Signaling,UVB-Induced MAPK

bB Signaling,Fc Epsilon RI Signaling,FcγRIIB Signaling in B Lymphocytes,FGF Signaling,FLT3 Signaling in He
ng,HMGB1 Signaling,IL-1 Signaling,IL-10 Signaling,IL-12 Signaling and Production in Macrophages,IL-15 Sign

gnaling in Gastric Cells,IL-22 Signaling,IL-6 Signaling,IL-7 Signaling Pathway,Inhibition of Angiogenesis by TSF

hway,Endometrial Cancer Signaling,Endothelin-1 Signaling,eNOS Signaling,Ephrin A Signaling,ErbB Signaling

lecular Mechanisms of Cancer,Neuropathic Pain Signaling In Dorsal Horn Neurons,Opioid Signaling Pathway,P
iac Hypertrophy,Sperm Motility,Sphingosine-1-phosphate Signaling,Superpathway of Inositol Phosphate Comp

sis Signaling Pathway,IGF-1 Signaling,IL-1 Signaling,Inhibition of ARE-Mediated mRNA Degradation Pathway,

naling,HER-2 Signaling in Breast Cancer,HGF Signaling,Huntington's Disease Signaling,iCOS-iCOSL Signalin

Signaling in Obesity,Melanocyte Development and Pigmentation Signaling,Melatonin Signaling,Molecular Mech

Signaling

matopoietic Progenitor Cells,FXR/RXR Activation,GDNF Family Ligand-Receptor Interactions,Germ Cell-Sertol
aling,IL-17 Signaling,IL-17A Signaling in Airway Cells,IL-17A Signaling in Fibroblasts,IL-17A Signaling in Gastr

P1,Inhibition of ARE-Mediated mRNA Degradation Pathway,iNOS Signaling,Leukocyte Extravasation Signaling,

,ErbB2-ErbB3 Signaling,ErbB4 Signaling,ERK/MAPK Signaling,Erythropoietin Signaling,Estrogen-Dependent E

P2Y Purigenic Receptor Signaling Pathway,p70S6K Signaling,Phagosome Formation,Phospholipase C Signalir
ounds,Synaptic Long Term Depression,Synaptic Long Term Potentiation,Thrombin Signaling,UVA-Induced MA

,Insulin Receptor Signaling,Leptin Signaling in Obesity,Melanocyte Development and Pigmentation Signaling,M

g in T Helper Cells,IGF-1 Signaling,IL-2 Signaling,IL-3 Signaling,IL-4 Signaling,IL-6 Signaling,IL-7 Signaling Pa

anisms of Cancer,Netrin Signaling,Neuropathic Pain Signaling In Dorsal Horn Neurons,Neuroprotective Role o

li Cell Junction Signaling,Glucocorticoid Receptor Signaling,GNRH Signaling,Gα12/13 Signaling,Hepatic Chole
ic Cells,IL-22 Signaling,IL-6 Signaling,IL-7 Signaling Pathway,Inhibition of Angiogenesis by TSP1,Inhibition of

,LPS-stimulated MAPK Signaling,Molecular Mechanisms of Cancer,Mouse Embryonic Stem Cell Pluripotency,M

Breast Cancer Signaling,FAK Signaling,Fc Epsilon RI Signaling,Fcγ Receptor-mediated Phagocytosis in Macro

ng,Phospholipases,PI3K Signaling in B Lymphocytes,PPARα/RXRα Activation,Protein Kinase A Signaling,Role
APK Signaling,Wnt/Ca+ pathway

Melatonin Signaling,Molecular Mechanisms of Cancer,Netrin Signaling,Neuropathic Pain Signaling In Dorsal Ho

ıthway,Insulin Receptor Signaling,Integrin Signaling,JAK/Stat Signaling,Leptin Signaling in Obesity,Melanocyte

f THOP1 in Alzheimer's Disease,Nitric Oxide Signaling in the Cardiovascular System,Opioid Signaling Pathwa

stasis,Hepatic Fibrosis Signaling Pathway,HGF Signaling,HIF1α Signaling,HMGB1 Signaling,IL-1 Signaling,IL-
ARE-Mediated mRNA Degradation Pathway,iNOS Signaling,Leukocyte Extravasation Signaling,LPS-stimulated

Neuroinflammation Signaling Pathway,p38 MAPK Signaling,Parkinson's Signaling,Paxillin Signaling,PEDF Sign

phages and Monocytes,FcγRIIB Signaling in B Lymphocytes,FGF Signaling,FLT3 Signaling in Hematopoietic F

of Macrophages, Fibroblasts and Endothelial Cells in Rheumatoid Arthritis,Role of NFAT in Cardiac Hypertrop

rn Neurons,Neuroprotective Role of THOP1 in Alzheimer's Disease,NF-κB Signaling,Nitric Oxide Signaling in th

Development and Pigmentation Signaling,Molecular Mechanisms of Cancer,Mouse Embryonic Stem Cell Pluri

/,Ovarian Cancer Signaling,P2Y Purigenic Receptor Signaling Pathway,PFKFB4 Signaling Pathway,Phototrans

10 Signaling,IL-12 Signaling and Production in Macrophages,IL-15 Signaling,IL-17 Signaling,IL-17A Signaling i
d MAPK Signaling,Molecular Mechanisms of Cancer,Mouse Embryonic Stem Cell Pluripotency,Neuroinflammat

aling,Production of Nitric Oxide and Reactive Oxygen Species in Macrophages,RANK Signaling in Osteoclasts

Progenitor Cells,fMLP Signaling in Neutrophils,G-Protein Coupled Receptor Signaling,Gap Junction Signaling,G

hy,Role of NFAT in Regulation of the Immune Response,Role of Tissue Factor in Cancer,Sperm Motility,Sphin

ne Cardiovascular System,Opioid Signaling Pathway,Ovarian Cancer Signaling,P2Y Purigenic Receptor Signal

potency,Myc Mediated Apoptosis Signaling,Natural Killer Cell Signaling,Neuregulin Signaling,Neurotrophin/TRI

sduction Pathway,PPARα/RXRα Activation,Protein Kinase A Signaling,PXR/RXR Activation,RAR Activation,Re

n Airway Cells,IL-17A Signaling in Fibroblasts,IL-17A Signaling in Gastric Cells,IL-22 Signaling,IL-6 Signaling,I
ion Signaling Pathway,NRF2-mediated Oxidative Stress Response,p38 MAPK Signaling,p53 Signaling,Parkins

s,RAR Activation,Regulation of eIF4 and p70S6K Signaling,Renin-Angiotensin Signaling,Role of IL-17A in Arthr

GDNF Family Ligand-Receptor Interactions,Germ Cell-Sertoli Cell Junction Signaling,Glioblastoma Multiforme S

gosine-1-phosphate Signaling,Superpathway of Inositol Phosphate Compounds,Synaptic Long Term Depressio

ing Pathway,PFKFB4 Signaling Pathway,Phototransduction Pathway,PPARα/RXRα Activation,Protein Kinase A

K Signaling,NGF Signaling,Non-Small Cell Lung Cancer Signaling,Oncostatin M Signaling,p70S6K Signaling,P

laxin Signaling,Renin-Angiotensin Signaling,Role of NFAT in Cardiac Hypertrophy,Sertoli Cell-Sertoli Cell Junc

L-7 Signaling Pathway,IL-8 Signaling,ILK Signaling,Induction of Apoptosis by HIV1,Inhibition of Angiogenesis b
son's Signaling,Paxillin Signaling,PEDF Signaling,PPARα/RXRα Activation,Production of Nitric Oxide and Reac

itis,Role of JAK family kinases in IL-6-type Cytokine Signaling,Role of MAPK Signaling in the Pathogenesis of I

signaling,Glioma Invasiveness Signaling,Glioma Signaling,Glucocorticoid Receptor Signaling,GM-CSF Signalin

on,Synaptic Long Term Potentiation,Thrombin Signaling,UVA-Induced MAPK Signaling,Wnt/Ca+ pathway

A Signaling,PXR/RXR Activation,RAR Activation,Relaxin Signaling,Renin-Angiotensin Signaling,Role of NFAT i

AK Signaling,Pancreatic Adenocarcinoma Signaling,Paxillin Signaling,PDGF Signaling,Phospholipase C Signa

tion Signaling,Sonic Hedgehog Signaling,Sperm Motility,Synaptic Long Term Potentiation,Synaptogenesis Sigr

y TSP1,Inhibition of ARE-Mediated mRNA Degradation Pathway,iNOS Signaling,Leukocyte Extravasation Sig
tive Oxygen Species in Macrophages,RANK Signaling in Osteoclasts,RAR Activation,Regulation of eIF4 and p

nfluenza,Role of NFAT in Cardiac Hypertrophy,Role of Tissue Factor in Cancer,Sertoli Cell-Sertoli Cell Junctio

g,GP6 Signaling Pathway,Growth Hormone Signaling,Gα12/13 Signaling,Gαq Signaling,Hepatic Fibrosis Signa

in Cardiac Hypertrophy,Sertoli Cell-Sertoli Cell Junction Signaling,Sonic Hedgehog Signaling,Sperm Motility,Sy

ling,PI3K/AKT Signaling,PKCθ Signaling in T Lymphocytes,PPAR Signaling,PPARα/RXRα Activation,Prolactin

naling Pathway,Tight Junction Signaling,White Adipose Tissue Browning Pathway,α-Adrenergic Signaling

naling,LPS-stimulated MAPK Signaling,MIF Regulation of Innate Immunity,Mitochondrial Dysfunction,Molecular
70S6K Signaling,Renin-Angiotensin Signaling,Role of IL-17A in Arthritis,Role of JAK family kinases in IL-6-type

n Signaling,STAT3 Pathway,TGF-β Signaling,Thrombin Signaling,Toll-like Receptor Signaling,Type I Diabetes

ıling Pathway,HER-2 Signaling in Breast Cancer,Hereditary Breast Cancer Signaling,HGF Signaling,HIF1α Sig

naptic Long Term Potentiation,Synaptogenesis Signaling Pathway,Tight Junction Signaling,White Adipose Tiss

Signaling,Prostate Cancer Signaling,PTEN Signaling,Regulation of Cellular Mechanics by Calpain Protease,R

· Mechanisms of Cancer,Mouse Embryonic Stem Cell Pluripotency,Myc Mediated Apoptosis Signaling,Neuroint
ɜ Cytokine Signaling,Role of Macrophages, Fibroblasts and Endothelial Cells in Rheumatoid Arthritis,Role of M

Mellitus Signaling,UVA-Induced MAPK Signaling,UVB-Induced MAPK Signaling,UVC-Induced MAPK Signaling

naling,HMGB1 Signaling,HOTAIR Regulatory Pathway,Human Embryonic Stem Cell Pluripotency,Huntington's

sue Browning Pathway,α-Adrenergic Signaling

egulation of eIF4 and p70S6K Signaling,Regulation of IL-2 Expression in Activated and Anergic T Lymphocytes

flammation Signaling Pathway,NGF Signaling,Opioid Signaling Pathway,OX40 Signaling Pathway,p38 MAPK S
APK Signaling in the Pathogenesis of Influenza,Role of NFAT in Cardiac Hypertrophy,Role of Osteoblasts, Ost

g,White Adipose Tissue Browning Pathway,Xenobiotic Metabolism Signaling

s,Regulation of the Epithelial-Mesenchymal Transition Pathway,Renal Cell Carcinoma Signaling,Renin-Angiote

Signaling,PAK Signaling,Pancreatic Adenocarcinoma Signaling,Parkinson's Signaling,Paxillin Signaling,PCP pa
eoclasts and Chondrocytes in Rheumatoid Arthritis,Role of PKR in Interferon Induction and Antiviral Response,

nsin Signaling,Role of JAK1 and JAK3 in γc Cytokine Signaling,Role of NANOG in Mammalian Embryonic Ster

ıthway,PEDF Signaling,Production of Nitric Oxide and Reactive Oxygen Species in Macrophages,RANK Signal
,Role of Tissue Factor in Cancer,Senescence Pathway,Sertoli Cell-Sertoli Cell Junction Signaling,STAT3 Pathv

n Cell Pluripotency,Role of NFAT in Cardiac Hypertrophy,Role of NFAT in Regulation of the Immune Response

ling in Osteoclasts,RAR Activation,Reelin Signaling in Neurons,Regulation of eIF4 and p70S6K Signaling,Regu
way,Synaptogenesis Signaling Pathway,TGF-β Signaling,Thrombin Signaling,Toll-like Receptor Signaling,Type

e,SAPK/JNK Signaling,Synaptogenesis Signaling Pathway,Systemic Lupus Erythematosus In B Cell Signaling

ılation of IL-2 Expression in Activated and Anergic T Lymphocytes,Renin-Angiotensin Signaling,Role of IL-17A
I Diabetes Mellitus Signaling,UVA-Induced MAPK Signaling,UVB-Induced MAPK Signaling,UVC-Induced MAF

Pathway,Systemic Lupus Erythematosus In T Cell Signaling Pathway,Systemic Lupus Erythematosus Signaling

in Arthritis,Role of JAK family kinases in IL-6-type Cytokine Signaling,Role of MAPK Signaling in the Pathogene
PK Signaling,White Adipose Tissue Browning Pathway,Xenobiotic Metabolism Signaling

g,T Cell Receptor Signaling,Telomerase Signaling,TGF-β Signaling,Th1 and Th2 Activation Pathway,Th1 Path

way,Th2 Pathway,Thrombin Signaling,Thrombopoietin Signaling,TREM1 Signaling,VEGF Family Ligand-Recep

ɔtor Interactions,VEGF