

Accession	Source gene	Sum1 vs Spr1			Sum1 vs Spr2		
		log ₂ (Fold Change)	regulation	p-value	log ₂ (Fold Change)	regulation	p-value
circRNA27512	ASPH	inf	up	0.00000020	inf	up	0.00000019
circRNA4902	NRDC	-inf	down	0.00000045	-inf	down	0.000065071
circRNA10995	PHF21A	-inf	down	0.00019047	-inf	down	0.00019583
circRNA14518	TXNDC16	-inf	down	0.00160854	-inf	down	0.00007698
circRNA5456	ATP2C1	-inf	down	0.00223572	-inf	down	0.01251287
circRNA15594	THADA	-inf	down	0.00562197	inf	up	0.00706730
circRNA27332	RALGPS2	inf	up	0.00832166	inf	up	0.00706730
circRNA4205	NR3C1	-inf	down	0.01468864	-inf	down	0.00001445
circRNA10586	TMBIM4	-inf	down	0.01473002	-inf	down	0.02690126
circRNA27437	PPHLN1	inf	up	0.01656765	inf	up	0.016459023
ciRNA292	RUNX2	-inf	down	0.01784709	-inf	down	0.00337421
circRNA27346	UTRN	inf	up	0.03012005	inf	up	0.02900293
circRNA27436	TOX	inf	up	0.03165165	inf	up	0.02780933
circRNA11103	STAM2	-inf	down	0.03274586	-inf	down	0.03079113
circRNA5135	RAPGEF2	-inf	down	0.03818905	-inf	down	0.03404894
circRNA7726	DNAH12	2.0048627	up	0.03838692	2.8454457	up	0.04137403
ciRNA3301	WVOX	inf	up	0.04618363	inf	up	0.04168654
circRNA27501	ZFYVE16	inf	up	0.04699043	inf	up	0.04293164
circRNA4661	intergenic_circRNA	-inf	down	0.00029191	-inf	down	0.00004687
circRNA4775	intergenic_circRNA	-inf	down	0.00032880	-inf	down	0.00018568

circRNA219 1	PAPOLA	-inf	down	0.0016 5264	-inf	down	0.007253 36
circRNA278 14	STXBP4	inf	up	0.0033 4190	inf	up	0.003024 13
circRNA147 80	USP34	4.996849 3	up	0.0036 1965	2.711971 3	up	0.021601 51
circRNA479 4	intergenic_circR NA	-inf	down	0.0069 3102	-inf	down	0.010374 51
circRNA134 93	RHEB	-inf	down	0.0096 0183	-inf	down	0.037356 67
circRNA278 60	ANKRD27	inf	up	0.0120 3971	inf	up	0.011061 26
circRNA218 30	DIAPH3	inf	up	0.0134 7447	3.503019 1	up	0.041496 89
circRNA362 8	MCF2L2	-inf	down	0.0171 5318	-inf	down	0.033509 48
circRNA143 20	intergenic_circR NA	3.873425 1	up	0.0297 4030	6.025248 8	up	0.013016 67
circRNA296 05	ADAM19	inf	up	0.0338 5933	inf	up	0.033410 00
circRNA271 83	DOCK7	inf	up	0.0341 3498	inf	up	0.030610 35
circRNA460 3	intergenic_circR NA	-inf	down	0.0355 7018	-inf	down	0.005931 66
circRNA567 7	GPCPD1	-inf	down	0.0401 8036	-inf	down	0.024181 85
circRNA267 16	YTHDC2	inf	up	0.0457 3028	inf	up	0.046019 07

Inf: circRNA was not expressed in either the Spr or the Sum.

GO Term	circRNAs (Source Gene)
Guanyl-nucleotide exchange factor activity	circRNA27860 (ANKRD27); circRNA27332 (RALGPS2); circRNA3628 (MCF2L2); circRNA27183 (DOCK7)
Small GTPase mediated signal transduction	circRNA27332 (RALGPS2); circRNA13493 (RHEB); circRNA27183 (DOCK7)
Repressing transcription factor binding	ciRNA292 (RUNX2); circRNA4205 (NR3C1); circRNA27437 (PPHLN1); circRNA4205 (NR3C1);
Cytosol	circRNA11103 (STAM2); circRNA13493 (RHEB); ciRNA3301 (WWOX)
KEGG Term	circRNAs (Source Gene)
Choline metabolism in cancer	circRNA13493 (RHEB); circRNA5677 (GPCPD1)
Endocytosis	circRNA11103 (STAM2); circRNA27501 (ZFYVE16)
Longevity regulating pathway	circRNA13493 (RHEB)