

Fig.1B

Accession	con1_CO	con2_CO	con3_CO	sci1_SC	sci2_SC	sci3_SC
	N_count	N_count	N_count	I_count	I_count	I_count
circRNA12433	57.50	0	13	73.50	75.50	114.50
circRNA9375	283	19	160	511.50	446	746.40
circRNA4569	62.42	43	54.92	158	169.08	268.00
circRNA2114	22.23	13.50	16.33	39.72	60.67	98.95
circRNA9664	631.47	85.33	260.08	682.50	993.48	2098.43
circRNA13451	53	36	0	98	80	137
ciRNA337	21	0	5	19	34	44
circRNA7703	16	0	23	43	38	55
circRNA7551	51	0	163	126	303	365.50
circRNA986	29	71	76.25	125	208	306
ciRNA54	12	0	10	21	19	39
circRNA15268	391	136	247	894	666	1056
circRNA10149	334	321	376.50	1091	897.83	1538.40
circRNA16480	173	0	50	181	236	387
circRNA16184	35	24.83	14	75	74	99.83
circRNA8924	204.50	27	137.42	295.50	297.50	736.57
circRNA9792	51	13	53	133	97	155
circRNA8960	92.50	19.50	18.50	91.50	164.17	199
circRNA3390	102.58	17	18.50	153.83	104.95	199.32
circRNA13393	1661.83	569.50	453	2151.50	3255.04	3717.75
circRNA14292	53	22	43.83	103.50	126	166.38
circRNA11466	157.25	54	29	235.50	228.50	328
circRNA3213	72	0	32	116	97	120
circRNA10408	11.67	0	5.67	16	16.67	25
circRNA3549	226	122	72	358	445	591
circRNA9421	59	76	38	113	189.50	284.50
circRNA6769	115	53	32	209.50	173.50	250.83
circRNA7041	29	12.33	9	51.67	45	60.33
circRNA5370	876	174	311	1456	1149.50	1629.98
circRNA8436	76	0	86	129	156	241
circRNA10481	42	1	19	59	48	91
circRNA1329	169	40	104	270	251	490
circRNA16013	70.50	0	32	68.50	108.50	162.50
circRNA5321	62	0	33	75	94	138
circRNA15386	102	70.50	106	220.50	212	475.50
circRNA8378	348	185	136	479	549	1190
circRNA7965	37	0	80	117	98	141
circRNA10641	130	107	45	255.75	181	455
circRNA15465	712	56	398.60	1003	973	1697.50
circRNA3347	261.80	42	141	348	315.65	746.07
circRNA7852	42	22	7.67	59.17	55.67	105.67
circRNA4337	114	0	106	166	174	344
circRNA14025	84.83	14.67	34.92	95.33	97.60	228.83
circRNA8470	90	45	20	115	122	239
circRNA6169	46.50	40	34.50	96	119.50	138.50
circRNA10320	333.33	103.50	206	466	683.50	761.33
circRNA1519	56.50	77.50	22.50	126	111.67	230.50
circRNA12797	1042.50	426	564	1427	1699.17	3051.25
circRNA12814	418	63	162	411	481	1118
circRNA10845	164	27	118	226	262	436
circRNA781	29	0	33	35	72	80
circRNA15756	586.17	258.50	243.67	679.50	852.50	1817.70
circRNA16012	48	0	25	66	52	93

circRNA7435	211.67	21	125.33	291.17	290.67	459.08
circRNA7312	70	35.17	48	110	127	214.17
circRNA4575	118	27	59	154	126	326.58
circRNA8746	124.83	59.17	64.92	174.33	167.93	399.83
circRNA5692	17	70	55	87.50	109.50	223.50
circRNA13755	49	82	8	93	93	224.83
circRNA16116	135	51	33	161	159	317
circRNA9875	32	17	43	63.83	83.33	115.33
circRNA8872	19.67	0	22	31.67	29.67	57.50
circRNA13667	27	18	17	52	48	71
circRNA3350	220.63	40.67	96.00	209.83	279.90	561.85
circRNA16614	96	31	29	98	108	251
circRNA1518	61.50	77.50	46.83	126	134.67	267.50
circRNA2544	192	58	168	289.71	296	605
circRNA14373	23	0	32	28	55.17	70
circRNA13861	80	53	8	101	107	170
circRNA7918	122.25	33.50	60.92	117.58	160.08	333.73
circRNA7436	147.67	21	124.33	170.17	242.67	392.08
circRNA9281	49	11.50	40.50	56	83.75	139
circRNA1633	799.33	346.42	509.23	1056.50	1083.18	2395.63
circRNA5578	79	26	19	63	107	174
ciRNA556	10.67	1.33	18	15	28.33	38
circRNA5189	492	158	288	496	757.33	1290.50
circRNA6874	61	22	14	78	62	108
circRNA133	222.50	159.17	226.33	318.53	535.12	764.70
circRNA14762	95.17	80.67	169.17	164.17	292.17	473.17
circRNA3688	194	33	104	201	263.50	409
circRNA1240	208.83	105.43	173.50	313	315	655
circRNA2464	1701.33	888	1603.67	1883	3448	6017.17
circRNA2098	354.50	178.17	286.33	501.53	623.12	973.37
circRNA14344	114	20	66.50	123.17	129.83	264.23
circRNA6867	260	107	160	290	332	743.33
circRNA9349	105	121	154	159	338.25	477
circRNA8640	36.50	18	22.63	61.08	48.83	72.35
circRNA12580	51	25	18.50	72	71	76.50
circRNA4166	46.50	14	21	58.33	54	77
circRNA2289	56	18.50	27	67.50	70	100.50
circRNA8781	67.74	17.93	39.86	55.43	102.34	152.07
circRNA15076	281.50	74.50	257	282	457.50	768.50
circRNA7723	9	12.50	6	20.50	17.50	23.17
circRNA6463	57	13.50	54.50	74.50	105.50	106
circRNA13604	522.75	275.50	326.50	542	707	1473.67
circRNA4732	542	352	715	786	1162	1862.50
circRNA10826	126.58	46.50	93.50	131	211.08	282.42
circRNA2104	57.75	14	35.75	54.17	64.42	135.58
circRNA16815	246	68	144.50	298.50	253	487
circRNA3824	902	294.50	656.50	913	1180.75	2163.83
circRNA8316	92.50	100.50	126	143.50	225	352.67
circRNA5950	37	16	18	32	57	67.50
circRNA4524	140	68	132	184	274.50	258
circRNA9223	11.20	12.50	19.50	26.35	26.75	36.88
circRNA9796	269	82	158	249	292	572.93
circRNA13324	45	28	17	53	59	75
circRNA14886	64.67	24.67	51.33	70.67	76.58	158.33
circRNA15074	47	49.50	30.50	75.50	87	96.58
circRNA2497	316	162	352	345	501	980.50

circRNA3532	669	274	395	767	789.50	1240
circRNA14002	163.33	74.00	97.67	137	216.33	375.33
circRNA16605	315	112	200	240	443	678.33
circRNA8183	60	27	28	46	77	125
circRNA8719	73.58	47	48	79	140	124
circRNA7211	56	51	62	93	89	165
circRNA4049	49.77	23.40	26.50	49.80	60.61	95.33
circRNA13959	222	79	218	224	294	584
circRNA5480	57	48	47	81	93	131
circRNA178	432	736	593.50	925	883.50	1772
circRNA15565	195	73	259	287	270.50	503.50
circRNA12344	765.50	361.50	528.50	732.50	942	1763.33
circRNA9289	120.67	44.33	84.33	139	123.33	236.67
circRNA2946	382.17	153.17	237.67	365.17	448.67	759.92
circRNA1628	27	16.67	40.17	45.33	42.21	78.42
circRNA11323	178.50	163	75	167	241	451
circRNA7855	37.50	31	39.50	44	72.25	101.50
circRNA13618	290	214	267	404	475.50	610
circRNA9429	223	106	115	200	257	425
circRNA4746	199.67	316.50	337.17	312.50	552.75	793.50
circRNA9893	252.41	330.53	278.90	103.59	93.09	216.44
circRNA10093	309.50	365	228.17	118.17	89.50	220
circRNA11325	466.91	336.48	314.54	171.35	146.91	182.35
circRNA4853	107.17	122	96.50	34.50	64	51.50
circRNA7464	1010.76	921.34	709.66	288.06	361.65	607.49
circRNA16798	46.73	35.17	45.18	16.50	13.40	29.75
circRNA13446	32.05	51.45	48.40	16.30	21.35	22.20
circRNA13534	38.37	29.00	30.92	13.10	9.85	23.08
circRNA8155	740.15	816.91	626.37	261.78	271.14	492.73
circRNA4592	505.50	497.83	408.50	214.97	176.50	235.17
circRNA4277	176.44	211.58	206.12	60.29	81.44	141.44
circRNA14387	56.60	63.17	84.37	18.33	28.20	52.43
circRNA15528	50.83	61	82.17	20	21.50	52
circRNA590	1079.09	1074.42	761.73	329.55	306.36	750.67
circRNA6319	286.28	284.35	196.63	126.20	84.10	121.50
circRNA11525	81.64	116.25	119.46	30.35	49.11	68.32
circRNA2113	930.83	897	1065	216.50	450	729.67
circRNA15558	202.90	308.13	238.26	87.47	91.84	164.79
circRNA2607	90.66	89.45	63.97	36.02	29.63	39.81
circRNA222	1020.61	1227.73	828.74	321.31	380.44	725.04
circRNA10377	144	159	143.67	46.12	54.83	106.17
circRNA16649	155.15	202.08	187.08	61.95	91.45	86.39
circRNA9277	518.83	715.33	656.17	149.83	317.67	415.17
circRNA8557	153.58	159.50	142.17	73.00	59.00	57.08
circRNA5669	208.40	328.82	283.87	83.74	104.15	187.29
circRNA13258	120.90	168.08	132.87	30.29	63.69	105.19
circRNA10284	119.17	123.17	106.67	54.50	35.50	57.17
circRNA14565	247.84	349.64	279.27	82.30	115.39	204.40
circRNA16797	65.32	72.60	51.52	25.83	18.58	38.23
circRNA13450	31.17	35	24.17	13	14.92	9
circRNA389	152.13	114.29	125.97	43.24	55.64	74.27
circRNA11116	1281.88	1225.43	844.75	385.25	328.99	793.60
circRNA9569	135.01	147.30	110.27	46.15	43.13	84.56
circRNA14825	162.53	156.70	114.81	46.15	47.18	102.96
circRNA16349	171	134	164	43	36	143
circRNA12235	616.89	738.49	783.61	282.46	256.91	371.21

circRNA4835	295.33	367.33	240.00	74	144.33	188.67
circRNA315	109.72	132.97	89.50	38	50.02	54.43
circRNA7601	43.55	45.78	33.27	13.51	11.06	30.68
circRNA13845	119.24	190.26	130.39	56.44	44.90	88.07
circRNA10761	10.88	14.29	10.71	1.60	7.74	7.13
circRNA13622	267.31	363.05	316.81	65.76	167.60	193.60
circRNA6913	15.67	14	12.33	2.67	9.50	6.33
circRNA2341	70	66	54.50	23.50	13	48
circRNA16595	193.28	245.50	173.58	64.17	62.62	146.33
circRNA387	27.25	33.25	37	10.25	14.25	17.50
circRNA10165	120.04	95.43	103.45	37.66	44.26	53.24
circRNA7071	935.95	659.18	622.28	290.83	255.80	388.22
circRNA16650	245.82	313.07	288.91	100.99	119.42	135.72
circRNA8251	246.43	313.07	288.91	100.99	119.42	135.80
circRNA9205	104.48	148.50	126.25	22.45	67.88	81.02
circRNA1084	165.94	160.56	141.75	40.90	73.94	89.70
circRNA16307	160.12	136.57	172.91	46.63	34.97	131.40
circRNA6371	306.28	377.25	352.21	73.16	178.56	207.20
circRNA15056	25	38.10	36.28	8.85	13.55	21.20
circRNA3618	151.85	211.13	131.56	52.76	57.46	103.47
circRNA4384	25.55	43.67	43.33	15.87	16.47	12
circRNA15237	617.36	474.16	431.23	177.33	170.93	300.71
circRNA16513	27.65	31.50	34.85	8.35	14.30	18.07
circRNA12949	174.96	209.02	160.78	41.90	74.87	126.23
circRNA4503	51.31	55.43	35.45	19.70	18.21	19.09
circRNA6101	104.25	173.50	138.25	53.50	59.60	54
circRNA5581	527.25	701.38	546.16	210.58	217.10	310.57
circRNA7022	198.60	244.36	192.17	69.14	87.30	108.99
circRNA9402	12.08	17.92	11.75	4.50	4	9.50
circRNA558	121.58	198.58	162.17	49.67	79.65	68.58
circRNA591	1120.96	1172.65	794.61	340.24	298.10	683.27
circRNA61	433.75	405	339.50	162	85	241
circRNA14276	175.81	126.33	117.10	34	59.50	89.25
circRNA13910	166.17	248.41	205.34	67.65	89.32	96.64
circRNA14669	351.50	574.48	507.05	159.78	164.96	271.06
circRNA5731	138.21	147.64	111.26	53.86	45.27	59.00
circRNA1760	88.93	134.25	118.95	23	41.70	88.27
circRNA6370	539.98	423.91	447.51	100.50	227.15	283.88
circRNA6775	34.67	58.97	51.50	10.37	29.50	20.47
circRNA515	500.50	559.50	461.50	230	116	251.50
circRNA4211	80.21	118.69	70.94	36.79	24.53	45.94
circRNA225	196.89	193.00	138.27	32.67	73.87	126.33
circRNA4790	58.78	45.03	71.52	16.56	24.86	31.15
circRNA4820	668.97	985.80	609.22	275.61	315.05	296.49
circRNA12739	763.90	725.50	597.50	221.50	263.50	368
circRNA2636	110.25	144.83	100.42	35.25	48.83	61.45
circRNA15238	434.71	433.81	381.33	139.98	142.13	227.06
circRNA6448	147	136	158	44	63	72.50
circRNA4786	102.10	81.84	122.51	33.33	39.17	51.60
circRNA4213	59.84	72.03	54.47	22.53	16.90	36.10
circRNA3440	1059.67	754	782	223.50	335.50	530
circRNA847	103.68	94.02	76.02	31.17	33.73	43.78
circRNA6102	170.08	237.50	157.25	70	67.77	81.83
circRNA10228	1299.92	1167.25	1038.17	389	417.50	590.80
circRNA2309	152.28	234.60	173.45	46.37	69.36	117.66
circRNA2872	64	59	54	9	29.75	37.14

circRNA6308	54.36	68.75	45.79	11.54	21.78	38.70
circRNA7809	408.95	404.86	285.48	143.52	123.92	154.15
circRNA16179	152.60	244.36	189.67	52.81	82.59	100.66
circRNA8553	95.55	116.95	71.20	26.85	40.45	45.65
circRNA452	437.25	701.38	496.66	181.58	202.85	253.57
circRNA7807	335.16	365.81	235.94	122.65	105.92	126.07
circRNA16389	626.89	868.11	568.19	194.15	197.29	456.74
circRNA636	109.67	128.67	104	55.33	21.67	49.17
circRNA7289	69	120	82	12.50	38.50	66
circRNA7795	98.80	101.33	86.60	37.80	28.60	42.33
circRNA15117	119.50	115.40	84.56	28.67	29.88	72.67
circRNA10583	222.20	362	275.15	113.25	77.13	133.60
circRNA13731	21.49	30.07	24.55	8.85	9.34	10.46
circRNA14884	138	134	102.33	57	31.50	47
circRNA7808	372.01	400.94	276.96	130.42	118.86	142.64
circRNA13306	29.95	48.00	33.09	13.27	11.83	16.71
circRNA11467	41.50	69.67	61.83	17.33	20	29.67
circRNA9294	119.46	209.02	150.78	35.40	58.03	100.57
circRNA12516	1620.70	2348.66	1703.49	496.04	687.78	1046.90
circRNA13226	326	441.50	313.50	145	91.50	161
circRNA5536	484.49	715.24	717.11	217.51	210.66	288.31
circRNA14955	33	46	37.42	3.33	19.58	26
circRNA3589	153.45	208.37	137.38	51.23	60.58	76.00
circRNA263	497.33	690.50	647	155.50	252.50	297
circRNA4964	157.39	183.54	115.88	40.25	46.80	92.13
circRNA8250	99.33	156.89	158.70	36.22	65.82	53.06
circRNA10047	36.15	48.00	36.69	14.27	11.83	18.51
circRNA15535	150.15	128	92.64	41	30.05	70.25
circRNA3099	95.88	150.08	101.71	25.00	36.50	77.92
circRNA1086	85.30	143.56	122.25	27.65	51.94	53.95
circRNA185	155.83	114.40	115.42	48.50	37.55	53.62
circRNA7453	114	142	169	58	62	23
circRNA14219	75.50	65	75	20.50	25.50	35.50
circRNA16388	59.68	99.64	73.17	20.37	25.25	43.37
circRNA13783	181.83	276.00	166.67	75.33	60.67	88.17
circRNA12962	31.90	35	38	6.50	10	26
circRNA13007	318.50	503.83	458.92	118	148.28	211.12
circRNA11033	105.23	74.63	115.17	15.92	31.62	72.38
circRNA564	191.50	182.50	271.50	64.50	76	95
circRNA4788	60.10	74.94	100.01	22.33	29.63	33.35
circRNA6898	67	76.50	56	30.75	19	15.50
circRNA15699	531.25	590.50	336	127	117.33	314.64
circRNA12010	450	271.25	373.50	137	125.25	114.91
circRNA794	370.50	647	586	69	266	287.50
circRNA15118	76.00	77.07	82.22	23.33	24.22	38.33
circRNA3728	159.80	120.40	157.08	31.80	56.77	74.92
circRNA12126	34.86	43.29	55.39	7.24	19.08	24.73
circRNA7810	308.83	367.03	259.32	113.19	100.25	105.90
circRNA16231	72.03	99.33	113.67	22.67	40.40	39.33
circRNA13009	20	24.33	16	6.33	3.67	12
circRNA15108	25.40	19	16.40	3.63	8.40	10.67
circRNA16482	271.89	355.61	231.05	100.08	94.32	94.32
circRNA10523	331.62	485.17	456.06	92.00	121.28	263.32
circRNA12582	329.20	382.89	267.57	97.16	108.86	136.46
circRNA6827	123.33	90.33	76.30	39.75	22	34.50
circRNA15000	115.20	164.16	101.69	34.82	49.63	47.95

circRNA13219	115.83	113.83	105.58	33.33	41.83	39.29
circRNA1697	124.18	156.25	183.28	37.50	68.14	55.38
circRNA14521	30.65	37.25	35.38	3.25	13.88	23.00
circRNA4024	220.70	386.92	328.90	53.03	126.41	163.93
circRNA12295	218.62	412.92	342.56	64.83	83.78	215.28
circRNA16800	132.18	91.25	148.33	32.55	39.42	59.33
circRNA12435	115.83	89.17	88.58	24.67	33.17	46.08
circRNA592	773.62	1070.13	714.99	245.27	228.45	420.06
circRNA12133	47	61	58	23	10	21
circRNA13133	126.36	196.96	131.95	38.80	58.44	59.05
circRNA5614	141.86	141.06	85.47	22.75	36.93	76.62
circRNA11179	299.30	382.89	259.44	90.03	104.11	125.66
circRNA16366	100.24	79.93	57.17	16.96	22.18	47.44
circRNA5171	221	342	354	26	167	144
circRNA2239	24.08	35.83	31.99	4.13	14.36	14.86
circRNA824	503.80	467	451	84.40	99	355.87
circRNA12583	256.57	329.17	213.88	68.31	87.97	118.95
circRNA6307	26.72	47.25	35.27	6.64	13.84	18.46
circRNA4505	237.96	249.16	204.89	68.87	62.04	101.42
circRNA60	32	29.50	44	14	10	8.50
circRNA15119	37.55	53.07	61.27	11.83	17.71	22.33
circRNA5617	66.16	77.44	41.14	13.75	9.46	44.31
circRNA7013	71.94	93.43	70.46	24.38	18.46	35.88
circRNA14029	81.33	81.33	69.00	15.33	17.73	51.00
circRNA2985	88.43	59.88	108.45	25.95	30.12	26.73
circRNA583	542	866	631.20	199	224	241
circRNA15214	20	26.50	21.50	3	12	8.50
circRNA16176	88.03	122.37	85.55	27.35	25.87	46.16
circRNA3632	598.86	676.44	474.51	186.09	145.70	239.53
circRNA1491	88.33	62	94.50	21.50	29.83	28.50
circRNA963	119.50	109.50	111.50	29	17	73
circRNA10139	409.83	395.00	271.50	154.50	53.67	118.17
circRNA14389	43.79	59	78.50	15	29.50	11.86
circRNA4130	141.23	162.03	134.78	43.13	45.83	50.09
circRNA8124	309.50	221	233	56	63	144
circRNA11739	123.42	165.85	109.53	36.83	49.42	39.07
circRNA12634	25.41	42.75	30.34	3.71	9.32	22.88
ciRNA380	117	151	115	23	25	88
circRNA16724	122.83	89	101.50	34	25.25	39
circRNA11035	121.70	130.23	161.00	22.72	26.30	98.48
circRNA3945	193.88	150.58	109.62	50.92	36.49	52.25
circRNA402	341.83	379.67	302.33	111.17	82.50	120.67
circRNA3441	136.17	171	180	43	45	66.50
circRNA3939	68.11	105.53	67.51	23.13	20.81	30.96
circRNA11845	9.47	6.88	5.88	0.50	3.75	3.38
circRNA5026	421.25	745.25	682.17	94	235.50	273.80
circRNA3929	244.58	310.97	201.58	46.75	68.30	135.08
circRNA11738	85	47	62	6	34	23
circRNA709	4661.50	3609.50	5340	1157.83	1168	1883
circRNA1096	189.67	279.67	301.00	59.00	84.33	92.67
circRNA9850	212.42	282.47	175.92	39.58	58.63	120.08
circRNA8697	50.33	67.75	40.83	11.25	24.50	11
circRNA11346	39.08	31.17	20.75	12.50	4.25	8.42
circRNA2986	64.10	59.55	74.45	13.95	27.45	17.40
circRNA4506	212.96	249.16	187.39	58.37	54.54	80.92
circRNA2627	57.08	96.40	93.07	14.70	27.40	34.57

circRNA14575	110	132	102	36	30	31
circRNA7939	152.13	267.50	211.83	49.33	63.17	73.67
circRNA277	412.36	632.29	452.76	128.89	125.70	181.46
circRNA4507	155.96	249.16	179.06	52.04	48.54	68.26
circRNA15104	117.08	207.30	153.75	24.08	49.37	73.25
circRNA10843	50.50	82.50	67.50	15.50	15	28.50
circRNA6840	24.33	41.33	46.33	2.67	18.14	13.67
circRNA4247	56	67	69	7	22	31
circRNA9231	21.67	40	32	0	15.75	14.50
circRNA472	472.96	885.83	755.16	138.00	187.95	302.32
circRNA1807	39	72.50	48	5.50	23	19.50
circRNA5244	42.49	41.63	34.49	7.17	10.57	17.73
circRNA3631	363.93	607.13	435.99	109.89	121.20	168.44
circRNA4283	217.51	416.66	362.73	44.33	121.29	130.36
circRNA5236	402.50	354	258	94	78.50	103
circRNA4508	125.51	229.91	174.31	43.00	44.49	56.51
circRNA2737	19.20	20	17	5.67	3.67	5.33
circRNA4	60.33	43.33	42.67	20	7	7.67
circRNA7339	47	90	69.50	13	23	18
circRNA4780	152.83	171	233.50	59.50	31.67	45.17
circRNA16191	36.50	22.33	28.90	4.85	9.43	9.29
circRNA7067	118	120.33	145.15	20.35	50.93	27.79
circRNA4307	34.17	57	47.33	11	8	17
circRNA13094	86.88	159.62	100.60	37.45	21.88	22.20
circRNA7066	97.50	120.33	142.65	17.10	48.93	25.04
circRNA12030	62	80.50	59.50	2	21	34.50
circRNA8315	109	202.75	139.83	22.83	50.83	38.17
circRNA3796	29.40	31.00	24.20	1.20	6.80	16.20
circRNA7730	107	169	129	10	25	77
circRNA6012	24.13	46.40	33.60	4.50	10.93	10.40
circRNA10375	43.32	71.30	79.80	8.60	12.20	28.70
circRNA13179	47.07	58.83	74.87	13.42	12.47	15.43
circRNA6311	25.96	48.90	30.02	1.75	8.06	18.08

Fig.1C

	Seq		PCR	
circRNAPrkcsh	2.280925	1.547565	1.394744	1.205808
circRNA2947	4.587584	3.655326	3.482202	3.386981
circRNA472	0.310377	0.641713	0.570382	0.907519
circRNA709	0.330672	0.320856	0.329877	0.287175

Fig.1D

miR_name	SCI1	SCI2	SCI3	CON1	CON2	CON3
mmu-miR-155-5p	1,212	1,495	1,347	334	375	331
mmu-mir-6240-p3_1ss23GT	3,665	1,349	1,359	1,268	211	157
mmu-miR-6540-3p	0	5	13	5	0	0
mmu-miR-344h-3p	11	0	10	5	0	0
mmu-miR-351-3p	110	85	69	32	26	14
mmu-miR-15a-3p	17	15	13	12	0	0
mmu-miR-339-5p_R-2	3,667	1,963	4,203	1,762	451	633
mmu-miR-1964-3p	39	49	38	16	13	9
mmu-miR-574-5p	772	572	960	367	178	174
mmu-miR-130b-3p	277	362	357	113	128	76
mmu-miR-142a-3p_R-1	2,112	1,869	2,976	1,164	688	475
mmu-miR-5113_L+1	23	61	50	10	12	23
mmu-miR-5121_L-1	71	45	78	17	31	18

mmu-miR-7689-3p	68	41	50	28	19	7
mmu-miR-486a-5p	41,907	98,649	56,858	22,292	20,856	25,111
mmu-miR-574-3p	2,723	1,885	4,895	1,700	785	803
mmu-miR-17-5p	6,967	8,297	12,232	3,262	3,799	2,649
mmu-miR-214-5p	71	66	42	25	17	21
mmu-miR-25-5p_R+1	124	194	134	53	54	54
mmu-miR-17-3p	254	484	433	112	176	135
mmu-let-7d-3p	21,735	15,350	25,992	13,086	3,407	6,324
mmu-miR-142a-5p_L+2R-2	25,399	42,747	31,413	9,225	14,324	12,986
mmu-miR-16-1-3p_R+1	29	34	30	27	0	7
mmu-miR-466n-5p	0	3	4	0	0	3
mmu-miR-1306-3p_R+1	13	51	36	7	15	15
mmu-miR-20a-5p	5,684	7,395	11,047	2,980	3,512	2,532
mmu-miR-193a-3p_R-2	48	10	24	18	8	5
mmu-mir-3964-p3_1ss6GA	21	67	103	9	39	24
mmu-miR-92a-3p_R+1	14,424	21,016	19,857	6,368	7,618	7,480
mmu-mir-6481-p3_1ss19GA	181	140	242	53	41	125
mmu-miR-365-2-5p_L+1R-1	16	24	17	7	6	9
mmu-mir-6236-p5	2,386	521	846	977	295	216
mmu-miR-344e-3p	60	54	61	24	18	27
mmu-miR-486b-3p_R+2	329	804	579	159	284	238
mmu-miR-3066-5p_R+1	7	12	8	5	5	0
mmu-let-7b-3p_1ss22CT	4,421	1,462	3,341	3,011	312	432
mmu-miR-3473a_1ss18AC	2	3	5	2	0	2
mmu-miR-423-3p	8,495	5,673	7,191	4,420	1,808	2,503
mmu-miR-7032-3p	21	5	16	12	0	5
mmu-miR-466i-3p_R-1	24	3	9	15	0	0
mmu-miR-344f-3p_R+1	14	28	30	12	11	7
mmu-miR-1306-5p_L-2	308	86	274	188	53	36
mmu-miR-3968_L-3_1ss14AT	888	483	989	290	403	305
mmu-miR-296-3p_L-1	189	339	307	93	126	134
mmu-miR-210-3p	662	789	1,475	394	444	403
mmu-miR-19a-3p	338	215	622	240	151	111
mmu-miR-185-3p	95	153	273	105	45	73
mmu-miR-324-3p_L-2R+3	611	308	569	408	109	121
mmu-miR-494-3p_R+1	115	36	41	45	24	13
mmu-miR-146b-3p	31	30	11	7	10	15
mmu-miR-8114_R+2	1,271	141	438	749	28	30
mmu-miR-452-5p_L+3R-1	8	14	0	4	5	0
mmu-miR-669e-3p_R+1	8	0	6	6	0	0
mmu-miR-1949	20	0	6	0	6	5
mmu-miR-23b-5p	124	263	168	57	88	101
mmu-miR-196a-1-3p_L+1R-1	41	111	30	12	36	35
mmu-miR-203-3p	2,308	3,363	4,607	1,331	1,731	1,631
mmu-miR-484	15,269	5,471	11,212	9,711	2,573	2,384
mmu-miR-106b-3p_R-2	1,011	954	847	519	413	363
mmu-miR-8112_R+2	118	0	55	80	0	0
mmu-miR-467e-3p	20	0	0	9	0	0
mmu-miR-7653-3p	10	0	0	5	0	0
mmu-miR-542-5p	9	5	7	10	0	0
mmu-miR-144-5p	5,971	12,517	10,028	3,627	5,217	4,827
mmu-miR-8103_R+1	73	51	57	38	16	33
mmu-miR-532-3p	1,166	304	937	891	125	147
mmu-miR-221-3p_R-1	5,096	8,676	6,511	2,676	3,452	3,690
mmu-miR-15b-5p	8,072	18,935	16,179	4,324	9,034	7,613
mmu-miR-215-5p	9	31	35	9	8	20

mmu-miR-466h-3p_R+3	64	22	48	55	4	7
mmu-miR-501-5p_R-1	198	163	288	151	86	80
mmu-miR-1912-3p	9	7	0	0	0	8
mmu-miR-511-3p	219	172	216	125	111	64
mmu-miR-149-3p	0	30	33	5	17	9
mmu-miR-200c-3p	176	320	309	176	120	105
mmu-miR-99b-3p_R+1	370	596	752	265	275	325
mmu-miR-677-5p_R+2	7	0	0	3	0	0
mmu-miR-6946-5p	7	0	0	3	0	0
mmu-miR-28a-3p	432	508	414	244	228	213
mmu-miR-673-5p_R-1	321	213	362	195	104	155
mmu-miR-339-3p_R-2	341	460	415	178	205	233
mmu-miR-671-3p	542	317	367	292	150	182
mmu-mir-1983-p5_1ss1GA	18	15	16	17	8	0
mmu-miR-466p-5p	4	0	1	3	0	0
mmu-miR-193a-5p	51	76	126	39	38	55
mmu-miR-16-2-3p	141	110	70	96	36	37
mmu-miR-188-5p_R+1	37	24	29	16	23	8
mmu-miR-3074-5p	8	20	9	6	7	7
mmu-miR-378b_R-1	4	4	10	4	4	2
mmu-miR-1930-5p	29	21	23	16	15	7
mmu-miR-331-3p	5,071	2,715	4,169	3,442	1,181	1,699
mmu-miR-145b_R-2_1ss18GA	4	5	5	2	5	0
mmu-miR-15b-3p	393	438	400	225	250	181
mmu-miR-222-3p_R+2	4,199	3,381	3,233	2,298	1,719	1,753
mmu-miR-877-5p_R+4	371	430	456	219	238	215
mmu-miR-511-5p_L+1	0	6	0	3	0	0
mmu-let-7i-3p	371	216	480	293	143	139
mmu-miR-144-3p_R-1	14,424	17,633	17,247	7,645	11,673	7,592
mmu-miR-6516-3p_L-3R+2	52	38	29	32	14	19
mmu-miR-6412_R-2_1ss15AT	24	9	13	19	0	7
mmu-miR-25-3p	7,445	21,836	18,998	4,847	11,821	10,019
mmu-miR-106b-5p	7,574	6,795	9,588	5,188	4,689	3,403
mmu-miR-34c-3p	590	913	802	363	504	415
mmu-miR-328-3p	25,005	9,773	23,737	20,306	4,834	7,518
mmu-miR-6691-5p	20	22	29	14	14	12
mmu-miR-455-3p_R+1	1,174	665	774	695	361	415
mmu-miR-296-5p	1,868	380	1,064	1,512	178	180
mmu-miR-674-3p_R-1	1,935	1,728	3,084	1,384	1,242	1,202
mmu-miR-466c-3p	81	66	131	75	38	46
mmu-miR-93-5p	7,408	13,384	14,990	5,427	8,469	6,797
mmu-miR-92b-5p	223	144	134	115	91	83
mmu-miR-194-2-3p_R-1	0	10	0	6	0	0
mmu-miR-700-5p	1,277	491	860	982	277	285
mmu-miR-27b-5p	348	687	492	178	311	409
mmu-miR-345-5p_L+1R-1	1,033	828	682	809	378	311
mmu-miR-1934-5p	36	15	6	21	6	6
mmu-miR-412-3p_L+1	16	10	14	11	6	7
mmu-miR-378a-5p	359	175	241	248	125	95
mmu-miR-376c-5p_R+1_1ss19I3	0	0	0	2	0	0
mmu-miR-466f-5p_L-1R+1	1	0	0	1	0	0
mmu-miR-184-3p	97	194	107	60	92	90
mmu-miR-3085-3p_R+1	235	69	118	179	39	40
mmu-miR-450b-3p	28	17	41	24	19	9
mmu-let-7k_R+1_1ss9GT	3	6	14	0	9	6
mmu-miR-5114	0	10	0	0	6	0

mmu-miR-1955-5p_R-2	13	32	24	18	20	5
mmu-miR-125a-3p_R-1	374	548	506	278	302	302
mmu-miR-702-3p_R+1	331	10	87	265	0	0
mmu-miR-130b-5p	50	88	68	48	36	44
mmu-miR-351-5p_R-4	799	1,622	933	496	716	873
mmu-miR-3087-5p_R+1	10	14	6	4	5	9
mmu-miR-23a-3p	26,444	25,813	26,591	22,427	13,367	13,434
mmu-miR-3072-3p	372	75	148	309	26	41
mmu-miR-431-5p	239	191	270	156	177	112
mmu-miR-350-5p_R+3	198	157	202	165	91	99
mmu-miR-146b-5p_R+2	8,374	16,738	9,487	4,805	7,050	10,303
mmu-miR-466f-3p_L-1R+2_2	287	111	190	238	59	80
mmu-miR-466f-3p_L-1R+2_1	287	111	190	238	59	80
mmu-miR-423-5p	3,655	5,674	3,754	2,259	3,105	3,042
mmu-miR-770-5p_R+1	1,465	735	1,935	1,311	694	655
mmu-miR-6940-3p_R-1	0	0	8	5	0	0
mmu-miR-125b-1-3p_R-1_1ss21	1,654	2,906	1,996	1,062	1,502	1,685
mmu-miR-466n-3p	19	28	26	14	19	14
mmu-miR-34b-3p	1,085	680	792	735	458	470
mmu-let-7g-3p_L-1R+1	58	35	25	51	17	8
mmu-let-7e-3p	1,174	461	630	860	256	367
mmu-miR-3552	191	155	236	201	78	105
mmu-miR-451a	113,953	136,451	144,994	94,961	91,983	73,776
mmu-miR-671-5p_R+1	152	220	323	142	157	160
mmu-miR-501-3p	2,668	3,030	2,156	1,929	1,299	1,973
mmu-miR-93-3p_R+1	165	334	305	94	203	237
mmu-miR-690_R-3	300	196	286	200	163	158
mmu-miR-743b-3p	0	10	0	0	0	7
mmu-miR-652-3p_R+1	5,725	9,016	7,066	4,202	5,429	5,049
mmu-miR-7000-3p_R-2	10	0	0	7	0	0
mmu-miR-674-5p_R-1	1,975	3,087	3,384	1,263	2,242	2,191
mmu-miR-130a-5p	0	0	6	4	0	0
mmu-miR-425-3p_R+1	262	170	208	224	108	102
mmu-miR-16-5p	42,807	75,159	62,856	35,344	46,127	43,015
mmu-miR-466g_1ss21AC	106	46	78	78	37	44
mmu-miR-140-3p_L-1R+2	12,694	21,764	17,511	9,823	12,839	13,316
mmu-miR-324-5p	1,230	1,353	1,266	1,134	760	772
mmu-miR-193b-3p	2,272	448	544	1,575	332	363
mmu-miR-7224-3p_L+2R-1	7	0	11	12	0	0
mmu-miR-20a-3p_R+1	63	39	61	41	35	39
mmu-miR-384-5p	8,980	6,436	6,810	13,739	8,522	9,067
mmu-miR-301a-3p	1,116	718	1,036	1,802	1,237	1,009
mmu-miR-181c-5p	3,123	2,071	2,700	4,579	3,232	3,328
mmu-miR-3062-5p	6	7	10	3	19	9
mmu-miR-496a-3p_L-2R+1	1,604	966	1,020	1,926	1,684	1,490
mmu-miR-335-5p	27,555	35,946	28,019	35,526	45,991	48,545
mmu-miR-466c-5p_R-2	48	24	58	88	64	34
mmu-miR-383-5p	5,511	6,309	5,466	7,645	8,155	8,797
mmu-miR-1839-3p	546	244	334	720	395	489
mmu-miR-485-5p_R+1	1,418	1,828	1,539	1,814	2,532	2,510
mmu-miR-411-3p_R-1	1,111	1,066	1,146	1,550	1,703	1,516
mmu-miR-429-3p	10	0	6	3	8	12
mmu-miR-467e-5p	262	222	297	318	463	345
mmu-miR-20b-5p	96	123	137	161	198	154
mmu-miR-3083-5p	0	7	0	5	0	6
mmu-miR-379-5p	3,593	7,792	5,721	4,695	10,134	10,242

mmu-miR-3093-3p	18	31	30	32	44	40
mmu-miR-434-3p	32,916	24,519	23,526	44,694	35,932	38,379
mmu-miR-135a-2-3p_R+1	164	396	338	207	592	521
mmu-miR-101c_L+2R+1	20	24	38	28	45	47
mmu-let-7j_R-1_1ss8TG	2,328	5,133	3,792	2,602	6,940	7,161
mmu-miR-539-5p_R+1	56	32	32	86	45	50
mmu-miR-190a-5p_R+1	1,662	1,186	1,716	2,874	2,012	2,001
mmu-miR-190a-3p	303	75	97	455	141	120
mmu-miR-676-5p	86	129	95	101	167	200
mmu-let-7g-5p	107,330	224,261	140,895	131,187	285,669	297,416
mmu-miR-374c-3p_L-1R+4	60	66	100	113	121	108
mmu-miR-9768-5p	0	7	0	5	6	0
mmu-let-7f-2-3p_R+1	48	63	52	96	82	72
mmu-miR-1843b-5p_L+1R-1_2	722	1,040	861	1,045	1,398	1,573
mmu-miR-1843b-5p_L+1R-1_1	722	1,040	861	1,045	1,398	1,573
mmu-miR-29a-3p_R-1	165,285	211,055	218,985	195,366	363,923	353,013
mmu-miR-127-3p	72,322	114,395	71,130	107,359	123,919	164,192
mmu-miR-666-5p_R-1	515	1,142	634	575	1,349	1,612
mmu-miR-29c-3p_R-1	6,944	3,685	6,543	10,594	8,944	6,992
mmu-miR-377-3p_L+3R-2	847	336	341	1,278	492	594
mmu-miR-493-5p_R+3	48	63	47	65	80	99
mmu-miR-380-3p_R-1	1,664	1,072	897	2,479	1,735	1,452
mmu-miR-181a-1-3p	925	1,095	655	1,156	1,459	1,564
mmu-miR-29b-2-5p_R-2	177	149	181	300	244	251
mmu-miR-124-5p	87	83	100	121	158	145
mmu-miR-185-5p	4,040	10,185	5,727	5,189	12,892	13,417
mmu-miR-154-3p	226	103	95	307	203	163
mmu-miR-30e-5p_R+2	40,427	34,222	30,789	60,943	51,309	55,658
mmu-miR-1843a-3p	142	144	189	221	260	277
mmu-miR-3061-3p	23	0	0	21	5	11
mmu-miR-337-3p	128	51	47	207	79	75
mmu-miR-381-3p	1,629	2,016	1,822	2,395	2,838	3,518
mmu-miR-3475-3p_R-1	128	254	218	196	385	382
mmu-miR-1298-5p	176	325	209	297	363	479
mmu-miR-183-3p_L-1	78	212	122	104	211	345
mmu-miR-369-3p	3,541	2,971	3,480	5,146	5,574	5,337
mmu-miR-137-3p	8,763	4,432	7,660	14,903	8,455	10,297
mmu-miR-411-5p_L+1_1ss6AG	6,522	6,796	8,092	9,934	12,148	12,732
mmu-miR-216b-5p	146	205	239	214	347	401
mmu-miR-216a-5p	29	32	56	56	83	53
mmu-mir-370-p5	292	402	438	452	658	744
mmu-miR-122-5p_R-1	18	91	72	70	136	91
mmu-miR-10a-5p_R-1	62,998	113,267	67,462	85,472	131,472	184,923
mmu-miR-30c-1-3p	77	88	72	102	140	150
mmu-miR-9-5p	24,016	35,783	41,908	43,262	65,887	59,441
mmu-miR-708-5p_R-1	5,009	4,219	4,714	5,830	9,565	7,806
mmu-miR-183-5p	4,265	4,038	2,214	5,521	4,886	7,128
mmu-miR-128-3p	15,156	17,605	15,875	24,692	27,822	29,381
mmu-miR-433-5p	211	289	218	339	446	428
mmu-mir-3963-p5_1ss17TC	0	6	11	0	10	19
mmu-miR-541-3p	119	147	63	154	192	211
mmu-miR-488-5p_R+2	22	47	32	29	68	75
mmu-miR-487b-3p	1,632	1,874	1,816	2,332	3,579	3,155
mmu-miR-204-5p	5,185	4,505	3,387	8,546	6,885	6,902
mmu-miR-448-5p	102	51	64	192	107	74
mmu-miR-132-5p_L-1R+1	1,006	2,040	1,273	1,558	2,976	2,876

mmu-miR-369-5p_R-1	1,545	1,934	2,177	2,180	4,024	3,507
mmu-miR-1264-3p	402	264	210	647	416	447
mmu-miR-128-2-5p	85	168	95	84	247	273
mmu-miR-133a-3p_L-1R+1	2,751	1,986	1,654	4,914	4,039	2,169
mmu-miR-96-3p	9	6	0	5	11	11
mmu-miR-7a-5p_R+1	4,193	4,514	3,092	6,634	5,806	8,303
mmu-miR-181d-5p	1,853	2,508	1,940	3,044	3,632	4,418
mmu-miR-3095-5p	0	6	0	6	0	5
mmu-miR-582-3p_L-1R+2	334	689	383	466	830	1,196
mmu-miR-329-5p_R+2	426	560	421	924	735	839
mmu-miR-211-5p_R+1_1ss17TA14		11	16	29	25	20
mmu-miR-34a-5p	6,484	8,272	8,221	14,724	14,205	12,184
mmu-miR-377-5p	16	19	16	33	19	37
mmu-miR-3084-3p_L-2R+4	51	23	14	89	38	32
mmu-miR-409-5p	2,139	2,187	1,524	2,976	3,062	4,508
mmu-miR-488-3p	284	335	264	512	472	608
mmu-miR-344c-3p	26	16	26	64	32	26
mmu-miR-6516-5p_R+3	29	47	42	81	67	66
mmu-miR-154-5p	323	595	521	551	1,240	825
mmu-miR-6970-3p_R+2	7	0	0	12	0	0
mmu-miR-384-3p	4,847	3,931	3,792	7,621	8,063	7,277
mmu-miR-3101-5p	0	6	0	0	6	5
mmu-miR-10b-5p_R-1	184,587	352,091	182,763	294,430	426,341	617,695
mmu-miR-449a-5p	8	21	24	20	35	43
mmu-miR-3068-5p	450	225	190	828	366	419
mmu-miR-582-5p	901	649	643	1,382	1,338	1,385
mmu-miR-218-5p	3,041	3,188	3,729	5,496	7,020	6,125
mmu-miR-376b-5p_R-1	193	134	186	395	264	303
mmu-miR-136-5p	912	986	991	1,542	2,043	1,833
mmu-miR-381-5p	42	23	55	93	65	68
mmu-miR-135a-5p	2,604	1,777	2,551	5,033	4,033	4,007
mmu-miR-6418-3p_1ss22GT	10	0	0	14	5	0
mmu-miR-466o-5p	1	0	1	1	3	1
mmu-miR-448-3p_R-1	53	92	87	108	177	157
mmu-miR-340-3p	787	982	582	1,199	1,636	1,626
mmu-miR-672-3p	32	45	64	49	126	94
mmu-miR-541-5p	5,363	5,221	4,189	8,387	8,087	11,755
mmu-miR-499-5p	170	185	156	227	372	382
mmu-miR-182-5p	6,583	6,888	6,599	9,975	10,764	18,018
mmu-miR-297b-5p	6	5	6	9	13	10
mmu-miR-873a-5p_L+1R-1	285	378	247	472	597	704
mmu-miR-136-3p_R-1	6,527	5,558	3,137	10,349	9,799	9,760
mmu-miR-335-3p	403	334	267	759	499	726
mmu-miR-434-5p	4,730	6,631	3,983	6,979	9,906	13,602
mmu-miR-383-3p	12	17	14	34	38	14
mmu-miR-181c-3p	98	143	81	155	250	237
mmu-miR-7b-5p_R+1	1,993	2,071	1,367	3,408	3,184	4,264
mmu-mir-218-2-p3	6	5	7	11	17	8
mmu-miR-667-5p	17	28	14	41	36	43
mmu-miR-135b-5p	137	110	159	338	221	257
mmu-miR-300-5p_R+1	90	66	89	227	124	149
mmu-miR-669a-3-3p_R-2	0	0	6	12	0	0
mmu-miR-99a-3p_R+2	10	35	27	30	69	49
mmu-miR-153-3p	2,434	1,036	1,717	4,751	3,503	2,499
mmu-miR-1298-3p	187	238	137	383	380	419
mmu-miR-598-3p_R+1	2,839	3,934	4,158	5,388	8,911	8,873

mmu-miR-26b-3p	16	29	6	31	31	46
mmu-miR-764-3p_L+1	48	112	64	96	185	198
mmu-miR-376a-5p	305	133	156	575	353	348
mmu-miR-363-5p	8	5	0	9	10	9
mmu-miR-1941-3p_R+1	9	5	0	16	5	9
mmu-miR-212-5p	512	777	363	870	1,160	1,597
mmu-miR-344b-3p	160	207	161	269	433	460
mmu-miR-96-5p	707	358	323	1,406	585	1,071
mmu-miR-217-5p_R-1	41	74	63	99	138	161
mmu-miR-669b-3p_L-1	0	0	8	19	0	0
mmu-miR-3078-5p	6	21	7	34	25	17
mmu-miR-216b-3p	0	0	8	5	9	5
mmu-miR-1a-1-5p	27	9	11	66	24	18
mmu-miR-1264-5p	73	72	73	155	162	187
mmu-miR-365-1-5p	0	5	0	6	0	6
mmu-miR-3086-3p	0	0	7	5	5	6
mmu-miR-3057-5p	16	0	7	9	38	7
mmu-miR-101a-5p	12	7	10	46	14	10
mmu-miR-505-3p_R+2	28	23	38	86	73	56
mmu-miR-3082-3p	8	13	7	18	15	36
mmu-miR-3069-3p	7	5	10	22	18	15
mmu-miR-6958-3p	8	0	6	16	9	12
mmu-miR-3086-5p_R+2	0	18	21	25	32	46
mmu-miR-466h-5p_R+1	12	0	0	9	9	15
mmu-miR-551b-5p	11	7	0	16	16	17
mmu-miR-544-3p_1ss22CT	36	9	16	106	26	31
mmu-miR-592-5p_L-1	81	109	131	204	374	308
mmu-miR-3070-2-3p	0	12	6	0	17	33
mmu-miR-669h-5p_R-2	0	5	14	19	15	23
mmu-miR-190b-5p_R+1	0	10	13	7	28	34
mmu-miR-3069-5p	11	25	6	36	38	56
mmu-miR-137-5p	0	0	16	19	22	10
mmu-miR-344d-3-5p	0	13	6	7	23	31
mmu-miR-153-5p_L+6	20	16	8	73	43	35
mmu-miR-1a-3p	6,821	25,227	9,938	18,176	84,400	44,228
mmu-miR-186-3p_1ss22GA	7	0	0	18	5	0
mmu-miR-491-3p	10	0	0	10	17	10
mmu-miR-133a-5p_L+1	66	93	49	152	437	196
mmu-miR-547-3p_R+1	0	14	10	7	32	48

Fig.1E

TargetScan	miRanda	RNA-Seq
		efu-
mmu-miR-1843a-3p	efu-mir-9277-p5_1	mir-9277-p5_1
		efu-
mmu-miR-488-3p	efu-mir-9277-p5_2	mir-9277-p5_2
		efu-
mmu-miR-667-5p	efu-mir-9277-p5_3	mir-9277-p5_3

mmu-
 mmu- miR-
 miR- 1843a-
 135b-5p 3p
 mmu- mmu-
 miR- miR-
 1843a-3p 488-3p
 mmu- mmu-
 miR-488- miR-
 3p 582-5p
 mmu-
 miR-
 mmu- 873a-
 miR-574- 5p_L+1R
 5p -1
 mmu-
 miR-
 6516-
 5p_R+3
 mmu-
 miR-
 873a-
 5p_L+1R-
 1
 mmu-
 mir-
 5132-p5

Fig.2A

	Prkcsh		circPrkcsh	
	NC	SCI	NC	SCI
	1	2.361985	1	1.547565
	0.628507	2.17347	1.006956	1.394744
	0.554785	1.569168	0.784584	1.205808

Fig.2B

	NC			RNase R		
circPrkcsh	1.147823	0.953761	0.913451	1.211337	1.027259	0.79504
Prkcsh	0.666234	1.100836	1.363486	0.097112	0.094477	0.107231

Fig.2D

	Cytoplasm				Nucleus	
U6	0.220689	0.215568	0.205723	0.779311	0.784432	0.794277
GAPDH	0.825475	0.799569	0.812235	0.174525	0.200431	0.187765
circPrkcsh	0.673925	0.659074	0.736029	0.326075	0.340926	0.263971

Fig.3A

	0h	4h	8h	12h	24h	48h
	0.979964	1.118953	1.187944	1.666244	1.816297	1.212121
	0.848743	1.283441	1.234534	1.186984	1.662092	1.112676
	1.202303	1.10674	1.633161	1.318228	1.973149	1.368346

Fig.3B

	0	0.1	1	10	50
	1.029647	1.480858	1.841098	2.454847	1.258263
	0.971207	1.183642	1.671527	2.673692	0.913789
	1.06265	0.898278	1.35968	2.836149	0.987977

Fig.3C

NC	si1	si2	si3
0.910691	0.368865	0.504025	0.724638
1.036007	0.39359	0.429154	0.620083
1.059904	0.426574	0.395368	0.716497

Fig.3D

NC	OE
0.997416	137.7778
1.115559	159.3991
0.898734	138.919

Fig.3E

NC	siRNA	NC	OE
1.186545	0.513428	0.810415	1.544439
0.925347	0.611419	0.954511	1.646478
0.910775	0.435104	1.292741	1.621224

Fig.3F

NC	siRNA	NC	OE
1.089853	0.719564	0.966137	1.750055
0.98053	0.707287	1.03505	1.503474
0.935775	0.497534	1.00411	1.830833

Fig.3G

NC	siRNA	NC	OE
0.968517	2.10463	1.002985	0.554259
1.032506	2.680124	1.179684	0.523018
0.957603	1.928171	0.845162	0.54601

Fig.3H

NC	siRNA	NC	OE
0.978843	0.550119	0.997254	1.32085
1.021614	0.469734	1.059169	2.041836
0.886914	0.420672	0.946736	1.590816

Fig.3I

NC	siRNA	NC	OE
1.086308	2.085365	1.068386	0.448745
0.969648	2.050392	0.944769	0.41133
0.949364	1.893559	0.990709	0.472297

Fig.3J

NC	siRNA	NC	OE
1320.292	964.7325	1186.799	1981.815
1242.585	937.3994	1192.658	2074.291
1384.609	971.2504	1214.38	2029.329

Fig.3K

NC	siRNA	NC	OE
150.76455	110.9934	149.693	292.028
140.40112	103.5445	151.0439	302.0382
153.55611	95.59382	144.7427	290.1342

Fig.3L

NC	siRNA	NC	OE
51.26848	80.11998	46.92881	36.92881

52.96166	90.37355	50.11576	32.24623
46.61543	86.61543	52.98455	33.05079

Fig.4B

	miR-488 NC			miR-488 OE		
circPrkcshWT	1	1	1	0.599884	0.63219	0.658934
circPrkcshMUT	1	1	1	1.105168	1.392816	0.912587

Fig.4C

	MUT	WT
	0.927702	2.123631
	0.992565	2.206766
	1.086007	2.240054

Fig.4D

	Ago2	IgG
	1.595767	0.991167
	1.723869	1.109493
	2.081466	0.909345

Fig.5A

	NC	OE
	0.901209	3.102648
	1.046037	2.758339
	1.060786	2.882459

Fig.5B

	NC	KD	NC	OE
	1.040661	1.133263	1.004632	0.686437
	0.960928	1.388169	1.002823	0.640646
	1.002148	1.263171	0.992588	0.613953

Fig.5C

	NC	KD	NC	OE
	1.044274	1.309788	1.008679	0.7733
	0.97838	1.287822	0.986483	0.867659
	0.98053	1.310136	1.00498	0.812459

Fig.5D

	NC	KD	NC	OE
	0.91342	0.7733	1.002985	1.553063
	1.094787	0.795481	1.179684	1.462699
	1.004103	0.873936	0.845162	1.553063

Fig.5E

	NC	KD	NC	OE
	0.992351	1.4228	1.015577	0.684474
	1.03578	1.652042	0.984662	0.819699
	1.006944	1.67764	0.995919	0.752086

Fig.5F

	NC	KD	NC	OE
	0.979081	0.923766	1.12376	1.314214
	0.995919	0.954753	1.056237	1.299359
	1.048989	0.938308	0.973554	1.185339

Fig.5G

	NC	KD	NC	OE
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1419.075	1651.099	1362.031	974.4814
1447.321	1900.338	1386.836	964.6922
1481.009	2017.209	1568.821	1198.5

Fig.5H

NC	KD	NC	OE
145.99341	200.9934	151.5043	101.608
156.54445	210.5445	152.3482	103.943
148.59382	220.9934	143.456	110.1454

Fig.5I

NC	KD	NC	OE
51.84223	36.44209	51.84223	73.22057
47.78929	42.5237	48.04055	72.5237
53.05079	38.19562	54.24623	67.5679

Fig.5K

	miR-488 OENC		miR-488 OE			
Ccl2 WT	1	1	1	0.817283	0.82044	0.818861
Ccl2 MUT	1	1	1	0.793868	1.185136	0.999502

Fig.5L

I	II	III	IV	V	VI
0.965713	1.071811	3.374561	2.341798	1.764427	2.695931
1.00505	0.933001	3.368485	2.661089	1.722615	2.509645
1.030302	1.104161	3.231267	2.596647	1.804376	2.635269