

ProbeName	Fold change([4-double-TGdb_db] vs [3-PDX-Credb_db])	Regulation([4-double-TGdb_db] vs [3-PDX-Credb_db])	[1-controldb_m](raw)	[2-db_db](raw)	[3-PDX-Credb_db](raw)	[4-double-TGdb_db](raw)	[1-controldb_m](normalized)	[2-db_db](normalized)
A_55_P201	2.63	up	191.79	212.36	69.02	183.51	0.00	0.25
A_55_P200	124.07	up	21.69	74.64	34.88	4367.46	-1.32	0.56
A_55_P207	25.07	up		32.15	33.99	860.24		-0.03
A_52_P682	9.41	up	243.28	204.26	97.43	925.81	0.08	-0.08
A_55_P217	4.78	up		20.97	25.38	122.39		-0.13
A_55_P209	2.26	up	18.36	21.51	22.23	50.59	-0.34	-0.01
A_55_P217	6.15	up	3352.65	3204.55	3804.23	23620.30	-0.15	-0.11
A_51_P110	2.03	up	8128.13	18337.97	13664.35	27973.23	-1.05	0.22
A_52_P488	3.09	up	17.81	28.86	29.02	90.50	-0.79	0.01
A_55_P210	5.33	up	209.27	391.13	288.04	1550.46	-0.77	0.23
A_55_P218	2.55	up	13.24	20.45	13.42	34.61	-0.41	0.31
A_51_P428	74.23	up		17.43	24.63	1845.63		-0.24
A_55_P195	2.82	up	15107.08	22232.48	22802.01	64849.64	-0.67	-0.01
A_55_P199	25.80	up	39.22	72.16	45.15	1175.62	-0.63	0.35
A_55_P199	2.03	up	48.62	56.98	83.94	171.98	-0.60	-0.27
A_55_P214	2.96	up	67.37	104.92	43.67	130.69	-0.37	0.37
A_51_P302	2.00	up	8443.73	1078.07	1174.87	2374.57	2.27	-0.60
A_55_P217	4.62	up	96.99	169.89	138.99	647.58	-0.75	0.15
A_51_P225	2.48	up	24.32	19.86	16.38	41.06	0.10	-0.10
A_55_P196	4.50	up		14.16	20.17	91.60		-0.24
A_52_P627	3.29	up	30.12	14.23	18.47	61.28	0.31	-0.67
A_51_P408	18.08	up	18.31		10.90	198.95	0.33	
A_51_P113	2.13	up		20.71	13.96	30.05		0.29
A_52_P537	5.31	up		48.67	35.90	192.56		0.23
A_55_P195	3.66	up		11.71	16.07	59.29		-0.22
A_51_P116	2.05	up	23.59	61.66	30.31	62.61	-0.96	0.53
A_55_P205	2.74	up	12.92	42.02	12.60	34.87	-0.77	1.03
A_51_P110	2.04	up	11.69	21.41	14.54	29.88	-0.68	0.29
A_55_P207	3.06	up		38.63	13.11	40.43		0.79
A_55_P214	2.09	up	28.46	37.08	34.44	72.78	-0.42	0.06
A_55_P197	2.08	up	29.30	17.94	20.46	43.06	0.22	-0.39
A_55_P206	2.28	up	289.43	262.73	97.04	223.48	0.17	0.13
A_55_P232	4.72	up	4664.11	97.88	90.56	431.40	4.42	-1.05
A_55_P204	2.44	up	369.36	120.02	115.60	285.01	0.92	-0.61
A_51_P369	5.35	up	17.15	46.87	39.73	214.72	-1.42	0.13
A_51_P477	2.10	up	93.83	101.25	54.30	115.02	-0.10	0.10
A_55_P208	2.45	up	665.00	72.28	97.17	240.42	2.05	-1.05
A_51_P456	11.38	up	26.36	72.95	70.59	811.02	-1.53	0.03
A_51_P238	2.66	up	195.82	133.88	180.66	485.33	0.02	-0.43
A_66_P110	6.18	up	115.13	94.72	86.11	536.96	0.09	-0.09
A_51_P205	5.54	up	183.65	157.19	125.24	700.80	0.06	-0.06
A_52_P602	8.95	up	616.55	4714.29	2827.23	25546.16	-2.66	0.38
A_55_P209	2.51	up	194.92	241.21	78.16	197.65	-0.04	0.36
A_51_P142	2.07	up	31.57	41.45	27.52	57.48	-0.25	0.25
A_55_P207	2.15	up	19.65	37.80	68.60	148.89	-1.46	-0.42
A_52_P533	2.09	up	77.40	23.89	31.90	67.44	0.67	-0.93
A_55_P201	18.10	up	162.60	391.56	199.94	3652.12	-0.87	0.49
A_55_P197	2.02	up	1160.61	30.76	12.35	25.13	5.30	0.16
A_55_P216	4.52	up	20.67	21.24	16.90	77.13	-0.07	0.07
A_55_P196	11.12	up	41.63	39.27	36.78	412.90	-0.01	0.01
A_66_P138	7.67	up	18.31	63.08	57.68	446.61	-1.81	0.07

A 55_P216	2.18	up	37.75	70.19	102.56	226.14	-1.26	-0.26
A 55_P201	22.81	up	50.77	101.60	70.03	1612.28	-0.82	0.28
A 55_P203	2.12	up	1580.38	27.82	27.16	58.06	5.21	-0.51
A 55_P221	2.10	up	27.30	61.49	11.27	23.89	0.06	1.33
A 52_P544	2.10	up		33.47	48.53	102.65		-0.26
A 55_P198	2.46	up	24.17	60.41	18.46	45.91	-0.50	0.93
A 66_P139	2.42	up	61.71	56.76	17.52	42.72	0.24	0.22
A 51_P160	51.51	up	40.42	114.56	141.91	7378.96	-1.75	-0.14
A 51_P390	2.05	up		73.30	26.96	55.86		0.94
A 52_P409	84.57	up	27.07	31.14	30.60	2612.52	-0.28	0.02
A 55_P208	2.75	up	40.34	114.31	56.39	156.72	-1.08	0.52
A 51_P419	2.62	up	339.70	299.42	287.05	759.79	0.04	-0.04
A 55_P196	2.42	up	52.90	48.31	40.75	99.61	0.02	-0.02
A 55_P204	7.05	up	34.49	38.82	34.43	245.09	-0.17	0.10
A 55_P195	59.19	up	20.70	22.88	18.19	1086.65	-0.12	0.12
A 55_P200	5.21	up	134.64	141.35	152.97	804.95	-0.22	-0.05
A 51_P460	2.01	up	127.59	907.26	174.56	353.66	-1.03	1.90
A 55_P195	2.56	up	104.11	41.85	14.65	37.78	1.31	0.09
A 51_P134	3.56	up	67.36	126.40	133.01	478.07	-1.03	-0.03
A 51_P133	10.17	up		29.40	25.78	264.77		0.10
A 55_P198	5.66	up	119.34	343.41	269.21	1537.00	-1.44	0.19
A 55_P202	2.84	up	823.77	1274.80	976.80	2796.44	-0.53	0.20
A 51_P189	68.57	up	15.75	13.23	11.54	798.54	0.08	-0.08
A 55_P211	159.95	up	32.27		45.47	7340.92	-0.29	
A 51_P257	2.71	up	372.43	106.92	40.81	111.61	1.69	-0.01
A 52_P481	3.67	up	46.56	76.41	89.87	332.54	-0.92	-0.11
A 55_P207	4.59	up	85.49	27.96	27.47	127.13	0.76	-0.76
A 55_P207	2.58	up	3949.28	700.63	925.99	2412.05	1.33	-1.07
A 51_P219	3.54	up	39.89	62.45	84.28	300.91	-0.95	-0.21
A 51_P460	35.04	up	18.45	13.41	17.84	630.84	-0.02	-0.38
A 55_P218	2.00	up	104.21	87.05	86.94	175.59	0.08	-0.08
A 55_P199	5.80	up	32.21	87.11	31.98	187.31	-0.80	0.73
A 51_P155	76.26	up	21.70	24.65	11.77	905.80	-0.14	0.14
A 51_P327	7.00	up	56.67	160.16	35.74	252.58	-0.80	0.80
A 55_P197	23.65	up	230.80	924.80	1140.91	27232.19	-2.24	-0.14
A 51_P259	2.72	up	26.60	38.14	20.02	54.93	-0.31	0.31
A 51_P308	2.31	up	45.58	40.69	30.84	71.80	0.03	-0.03
A 51_P139	2.21	up	116.26	493.28	367.66	820.11	-1.96	0.22
A 55_P212	2.04	up	179.17	386.51	290.68	598.39	-0.99	0.22
A 55_P199	8.51	up	15.95	90.18	74.40	639.05	-2.45	0.15
A 55_P204	145.76	up	40.18	1314.73	70.16	10322.58	-3.01	2.12
A 52_P502	2.56	up	147.81	403.56	37.88	98.07	0.26	1.81
A 51_P164	2.72	up	77.81	120.00	85.80	235.55	-0.47	0.25
A 55_P220	3.00	up	66.52	54.73	66.68	201.94	-0.04	-0.22
A 51_P489	2.29	up	138.16	119.09	142.86	330.29	-0.06	-0.18
A 55_P213	4.03	up	174.15	282.77	117.21	477.36	-0.40	0.40
A 55_P216	45.89	up	399.89	1035.56	587.00	27189.90	-1.05	0.42
A 55_P205	2.17	up	215.05	36.49	40.97	89.85	1.75	-0.71
A 52_P662	2.88	up	107.98	73.60	88.68	257.90	0.10	-0.35
A 55_P196	2.40	up	5031.99	515.16	721.11	1749.20	2.09	-1.10
A 55_P201	2.08	up		15.89	11.74	24.69		0.23
A 55_P201	40.01	up	40.00	88.74	59.19	2390.41	-0.95	0.30
A 55_P210	2.05	up	80.03	391.43	200.88	415.20	-1.90	0.49
A 52_P229	5.13	up	13.39	13.72	14.72	76.24	-0.18	-0.04
A 55_P195	17.60	up	26.12	20.18	30.26	537.59	-0.15	-0.42
A 55_P205	2.06	up	4821.97	775.59	975.79	2028.25	1.70	-0.83
A 55_P196	35.61	up			17.44	626.85		
A 55_P216	2.49	up	31.15	19.68	17.95	45.16	0.28	-0.28
A 55_P210	51.17	up	40.55		14.22	734.64	0.72	

A 52_P270	8.01	up		20.36	15.58	125.99		0.20
A 51_P140	2.06	up	39.09	61.16	64.84	134.98	-0.78	-0.03
A 55_P206	2.40	up	14.68	33.25	23.92	57.94	-1.03	0.25
A 51_P170	7.21	up	37.19	67.95	63.22	459.81	-0.91	0.06
A 55_P217	2.45	up	273.65	1496.26	1022.74	2524.66	-2.27	0.28
A 51_P265	2.38	up	11.43	17.82	14.94	35.97	-0.60	0.14
A 55_P211	5.60	up	16.79	61.95	36.99	209.00	-1.60	0.38
A 65_P164	2.10	up	12.74		10.54	22.35	0.10	
A 55_P210	2.43	up	49.76	56.36	22.59	55.37	-0.11	0.17
A 55_P203	2.59	up	129.11	21.62	20.03	52.31	1.86	-0.62
A 51_P267	2.02	up	91.86	32.24	52.05	106.37	0.37	-1.04
A 51_P395	2.01	up	93.35	116.52	28.49	57.76	0.31	0.73
A 66_P106	3.62	up	166.38	177.52	77.69	283.69	-0.10	0.10
A 51_P206	14.72	up			11.86	176.23		
A 51_P323	2.14	up	12.08	87.98	22.84	49.28	-1.55	1.42
A 51_P386	3.20	up	14.96	25.61	24.58	79.34	-0.84	0.04
A 51_P372	3.25	up	34.39	41.54	41.51	136.29	-0.36	0.01
A 51_P455	2.28	up	32.27	137.70	66.74	153.71	-1.66	0.53
A 55_P199	4.71	up			12.09	57.49		
A 51_P159	2.34	up	15.27	80.26	47.26	111.52	-2.10	0.39
A 52_P267	2.21	up	30.77	85.79	50.90	113.34	-1.19	0.39
A 52_P294	3.39	up			11.33	38.74		
A 51_P301	2.80	up	174.28	19.29	22.05	62.23	2.16	-0.91
A 55_P203	4.88	up	11.65	18.95	24.03	118.47	-0.96	-0.16
A 51_P394	2.81	up	16.36	32.18	27.28	77.45	-0.95	0.13
A 55_P207	4.23	up	17.64	11.35	14.77	63.11	0.09	-0.45
A 55_P202	3.57	up	7758.31	15798.83	15927.41	57428.71	-1.12	0.00
A 55_P205	2.34	up	210.65	246.36	196.09	462.30	-0.16	0.16
A 55_P222	2.50	up	275.65	27.16	38.33	96.65	2.11	-1.14
A 55_P199	60.73	up	37.15	25.97	27.62	1693.22	0.17	-0.24
A 55_P202	3.62	up	116.79	264.68	24.44	89.34	0.16	1.44
A 55_P203	2.14	up	39.46	70.31	101.33	218.75	-1.19	-0.25
A 52_P318	3.71	up	259.80	285.94	232.69	871.50	-0.12	0.12
A 55_P196	10.61	up	237.90	708.65	953.64	10215.01	-1.88	-0.20
A 52_P198	2.55	up	293.03	29.61	28.99	74.56	2.56	-0.65
A 51_P452	2.48	up	268.18	535.99	379.45	949.47	-0.84	0.26
A 52_P333	3.41	up	16.81	21.29	17.42	60.01	-0.29	0.15
A 51_P334	12.87	up	173.70	184.82	140.64	1826.28	-0.09	0.09
A 55_P198	2.95	up	324.55	22.30	34.23	101.92	2.39	-1.38
A 52_P525	2.29	up	23.60	66.75	28.86	66.68	-0.97	0.63
A 55_P207	7.59	up	73.46	72.96	81.17	621.48	-0.16	-0.07
A 52_P574	2.10	up		21.66	10.78	22.82		0.51
A 51_P394	4.55	up	45.63	146.11	122.61	562.58	-1.64	0.14
A 55_P203	2.54	up	83.96	417.46	214.04	549.66	-1.92	0.49
A 55_P199	2.36	up	49.06	62.74	22.47	53.42	-0.09	0.36
A 55_P210	2.27	up	54.54	444.50	251.92	578.34	-2.71	0.42
A 52_P293	5.62	up			13.34	75.67		
A 55_P210	2.82	up		13.35	15.87	45.22		-0.11
A 66_P126	2.26	up	27.73	24.69	14.65	33.40	0.03	-0.03
A 55_P198	2.29	up	39.35	15.88	13.07	30.20	0.76	-0.45
A 51_P307	2.40	up		18.10	11.30	27.33		0.35
A 52_P441	6.52	up			11.51	75.75		
A 55_P201	2.24	up	408.03	954.00	705.74	1595.37	-1.10	0.23
A 55_P217	3.42	up	42.92	64.65	24.79	85.54	-0.35	0.35
A 55_P207	2.11	up	989.54	5348.24	3006.01	6389.10	-2.11	0.43
A 51_P313	2.07	up	285.45	20.60	250.28	523.03	0.06	-3.64
A 55_P217	2.17	up	166.22	62.60	51.03	112.01	0.91	-0.40
A 55_P207	2.57	up	471.40	387.91	225.61	584.20	0.09	-0.09
A 66_P106	5.05	up	2469.54	289.57	248.07	1265.71	1.95	-1.05

A 55_P214	2.05	up	308.54	40.89	56.61	117.09	1.85	-0.97
A 55_P200	4.70	up	123.51	41.04	55.60	263.71	0.54	-0.95
A 52_P150	2.42	up	27.53	26.35	40.42	98.83	-0.33	-0.30
A 66_P101	2.39	up	33.49	22.35	21.39	51.51	0.24	-0.24
A 55_P218	3.06	up	17.02	18.80	14.78	45.67	-0.12	0.12
A 55_P199	3.63	up	20.99	32.81	62.05	227.35	-1.19	-0.45
A 55_P202	2.57	up	131.57	417.24	317.09	822.98	-1.56	0.21
A 55_P218	6.22	up	29.29	21.14	24.70	154.93	0.08	-0.29
A 55_P201	2.04	up	12.32	19.09	9.83	20.23	-0.37	0.37
A 55_P195	2.33	up	14.80	26.29	12.52	29.43	-0.46	0.46
A 55_P195	3.15	up	1018.51	308.06	331.89	1055.11	0.77	-0.86
A 55_P198	8.00	up	51.51	51.10	63.73	514.86	-0.24	-0.15
A 55_P198	9.40	up	17.41	19.51	18.71	177.54	-0.22	0.04
A 51_P334	3.09	up	194.58	1724.14	895.75	2796.60	-2.76	0.48
A 51_P220	2.31	up	1176.36	157.95	94.07	219.52	2.58	-0.22
A 55_P197	7.63	up	2928.54	7766.67	1639.26	12632.85	-0.75	0.75
A 55_P218	2.55	up	1532.92	178.80	213.91	551.13	2.09	-0.91
A 51_P474	5.19	up	335.62	442.97	482.33	2527.15	-0.55	-0.05
A 55_P196	2.34	up	13.26	39.38	11.16	26.38	-0.53	1.14
A 55_P201	42.94	up	451.34	1067.70	601.80	26083.41	-0.92	0.42
A 55_P200	138.29	up	26.58	16.73	16.91	2359.66	0.28	-0.28
A 51_P189	2.30	up	737.79	1987.47	835.27	1938.48	-0.86	0.67
A 51_P499	2.25	up	70.48	169.06	75.40	171.16	-0.76	0.60
A 55_P215	4.07	up	62.48	66.68	78.34	322.12	-0.30	-0.11
A 55_P209	135.44	up	20.07	24.76	15.46	2113.69	-0.20	0.20
A 51_P162	4.13	up	320.69	831.82	450.37	1876.75	-1.02	0.45
A 66_P135	3.05	up	779.19	661.52	655.36	2018.77	0.07	-0.07
A 51_P413	2.35	up	610.70	1234.57	588.34	1393.91	-0.57	0.54
A 55_P208	2.24	up	32.72	72.44	39.22	88.78	-0.79	0.45
A 55_P195	8.61	up	30.53	26.08	24.74	214.94	0.06	-0.06
A 55_P200	4.00	up	36.74	80.09	149.05	602.06	-1.66	-0.44
A 55_P197	2.41	up	660.14	103.24	136.50	332.27	1.56	-1.02
A 55_P215	2.74	up	545.04	470.87	573.24	1583.69	-0.08	-0.19
A 55_P206	4.53	up	32.75	110.59	50.25	229.97	-1.28	0.58
A 51_P498	2.44	up	48.98	45.29	46.87	115.67	-0.01	-0.02
A 55_P234	2.06	up	9.62	32.97	16.42	34.17	-1.36	0.51
A 51_P337	9.25	up	157.09	957.66	750.13	7002.14	-2.52	0.19
A 51_P120	26.84	up	65.10	31.57	52.26	1416.06	0.12	-0.83
A 51_P205	3.52	up	187.18	467.53	669.63	2380.73	-1.67	-0.25
A 55_P204	43.52	up	349.50	914.79	509.50	22383.01	-1.06	0.43
A 52_P338	6.43	up	49.96	45.86	34.97	227.08	0.01	-0.01
A 55_P195	5.74	up	230.41	153.25	173.04	1002.10	0.17	-0.32
A 55_P218	2.00	up	485.14	61.99	86.97	175.58	1.90	-0.97
A 55_P196	2.02	up	159.83	207.16	235.05	479.48	-0.55	-0.08
A 51_P461	2.47	up	58.54	188.57	57.49	143.21	-0.70	1.08
A 51_P265	2.08	up	71.67	75.68	56.51	118.80	-0.09	0.09
A 55_P211	2.15	up	344.78	535.11	261.99	567.59	-0.37	0.37
A 51_P506	8.49	up	70.56	12.94	17.72	151.77	0.96	-1.39
A 55_P200	2.55	up	69.05	130.27	68.01	174.91	-0.54	0.48
A 66_P125	4.41	up	12.77	39.53	11.55	51.38	-0.87	0.87
A 55_P210	6.84	up	226.43	599.18	138.63	957.75	-0.75	0.75
A 55_P217	2.25	up	58.60	282.60	266.50	604.54	-2.32	0.05
A 55_P196	6.00	up	4087.76	9612.65	2963.83	17960.39	-0.67	0.67
A 66_P121	4.66	up		42.97	64.96	305.22		-0.29
A 51_P468	11.64	up	21.66	42.30	30.04	352.85	-0.81	0.26
A 55_P213	2.13	up	362.18	5595.55	1955.13	4198.78	-3.06	0.99
A 55_P234	8.70	up	58.49	148.43	423.08	3714.11	-2.19	-0.75
A 55_P218	2.39	up		33.07	18.91	45.63		0.41
A 51_P185	2.76	up	19351.45	1547.54	1578.06	4402.21	2.80	-0.74

A 51_P509	5.25	up	40368.50	930.04	949.49	5034.86	4.13	-1.21
A 51_P383	2.81	up	27313.07	2290.64	3318.79	9400.90	2.22	-1.26
A 51_P346	2.58	up	23.37	106.99	63.80	166.36	-1.91	0.38
A 55_P209	2.12	up	238.93	223.01	203.34	435.72	0.00	0.00
A 55_P212	2.14	up	39.73	15.04	33.61	72.48	0.08	-1.22
A 66_P131	4.51	up	2065.18	49.25	42.64	193.91	4.32	-0.97
A 55_P206	5.54	up	48.23	36.03	37.13	207.80	0.15	-0.17
A 55_P200	2.18	up	65.13	138.76	11.97	26.30	0.62	1.81
A 55_P205	2.54	up		64.27	11.58	29.68		1.82
A 55_P239	2.69	up	14.26	29.67	21.15	57.51	-0.90	0.25
A 55_P214	2.51	up		50.77	22.55	57.21		0.60
A 55_P207	2.34	up	39.71	51.73	17.25	40.74	-0.05	0.43
A 52_P118	2.11	up	23.00	21.64	10.79	22.94	-0.01	0.01
A 51_P355	5.34	up	39.47	23.76	35.37	190.50	0.04	-0.59
A 55_P210	5.45	up	44.35	19.52	31.53	173.47	0.21	-0.88
A 51_P267	3.39	up	60.38	169.41	99.43	340.48	-1.19	0.39
A 66_P127	2.08	up	129.22	119.96	106.25	223.10	0.00	0.00
A 55_P212	2.64	up	15.11		12.90	34.36	0.07	
A 55_P201	2.51	up	24.59	15.19	20.68	52.32	0.09	-0.51
A 55_P212	2.19	up	21.01	128.76	48.05	105.99	-1.84	0.88
A 55_P205	3.97	up	55.53	55.50	50.04	200.76	-0.05	0.05
A 55_P203	6.98	up	684.14	1683.19	403.15	2839.71	-0.70	0.70
A 55_P207	39.28	up	40.55	28.66	32.38	1283.59	0.12	-0.28
A 55_P241	4.75	up			20.81	99.84		
A 52_P529	4.96	up	3577.32	74.77	104.88	524.59	3.86	-1.62
A 51_P337	6.89	up	88.18	44.17	41.81	290.67	0.45	-0.45
A 55_P217	2.34	up	55.85	68.88	46.75	110.66	-0.20	0.20
A 55_P231	2.18	up	55.27	433.85	533.79	1173.97	-3.21	-0.14
A 51_P254	2.79	up	108.51	99.99	94.79	267.12	0.01	-0.01
A 51_P196	3.10	up	17.14	36.63	35.30	110.47	-1.16	0.04
A 55_P232	2.15	up	117.73	45.97	59.58	129.51	0.45	-0.81
A 51_P346	2.87	up	48.64		15.08	43.70	0.85	
A 51_P482	2.71	up	1042.93	703.43	767.71	2098.70	0.18	-0.29
A 51_P145	3.02	up	42.79	35.71	29.33	89.52	0.08	-0.08
A 55_P229	2.14	up	16799.49	1144.08	1266.15	2734.00	3.10	-0.67
A 51_P438	7.90	up		34.13	27.95	222.96		0.15
A 55_P215	2.45	up			21.99	54.44		
A 55_P200	3.59	up	104.22	54.09	55.73	201.94	0.41	-0.43
A 51_P495	3.83	up	82.60	96.40	113.13	436.82	-0.43	-0.11
A 51_P326	2.20	up	653.01	1316.14	478.69	1063.03	-0.38	0.73
A 55_P208	3.06	up	25.48	18.42	19.77	61.16	0.14	-0.23
A 51_P198	4.54	up	43.70	72.43	92.20	422.40	-0.99	-0.16
A 66_P101	2.12	up	14.01	35.09	30.47	65.21	-1.31	0.11
A 66_P121	4.74	up	90.46	49.98	48.17	230.48	0.38	-0.38
A 51_P290	3.09	up	21.17	65.81	79.54	247.76	-1.86	-0.13
A 55_P204	3.11	up	22.58	312.83	13.64	42.80	-0.49	3.40
A 51_P501	5.93	up	90.58	496.20	614.88	3679.68	-2.70	-0.14
A 55_P213	2.12	up	48.40	70.38	75.85	162.01	-0.68	-0.04
A 55_P209	2.23	up	302.58	911.58	662.80	1490.78	-1.45	0.24
A 51_P423	4.21	up	18.73	17.06	19.32	82.09	-0.06	-0.10
A 51_P290	2.31	up	35.87	69.32	32.18	75.06	-0.53	0.53
A 51_P424	62.31	up		160.93	114.11	7176.20		0.26
A 55_P203	58.03	up	19.59	21.04	13.03	763.13	-0.10	0.10
A 55_P201	52.99	up	71.82	65.86	56.39	3016.34	0.01	-0.01
A 52_P467	2.76	up	32.41	33.78	16.56	46.12	-0.08	0.08
A 55_P212	2.37	up	2567.34	3084.65	3266.78	7815.73	-0.40	-0.03
A 55_P211	8.94	up	11.66	16.38	16.59	149.67	-0.59	0.00
A 51_P445	4.52	up	122.26	368.65	148.66	677.72	-1.03	0.67
A 51_P189	9.29	up	14.43		17.21	161.36	-0.17	

A 51_P185	2.01	up	64.70	629.20	103.34	209.23	-1.26	2.12
A 52_P425	6.29	up	62.85	62.30	39.36	249.73	-0.04	0.04
A 55_P216	4.41	up	192.21	87.27	60.91	271.24	0.52	-0.52
A 55_P196	4.43	up	81.40	195.73	324.53	1452.66	-1.72	-0.35
A 55_P210	2.26	up	24.35	16.53	12.66	28.89	0.23	-0.23
A 51_P305	3.93	up	1109.73	932.63	237.00	940.74	0.16	0.01
A 55_P219	2.33	up		23.45	32.47	76.35		-0.22
A 52_P601	8.97	up		49.45	47.75	432.61		0.04
A 55_P211	34.60	up	395.58	1096.28	626.67	21888.11	-1.16	0.41
A 55_P209	2.90	up	256.49	279.24	153.25	448.59	-0.11	0.11
A 51_P278	28.59	up	37.96		21.29	614.42	0.38	
A 55_P211	4.36	up	77.30	48.86	54.52	239.75	0.21	-0.35
A 55_P208	2.34	up	71.39	383.48	197.05	465.81	-2.03	0.49
A 55_P218	2.71	up	31.14	51.38	13.65	37.38	-0.16	0.66
A 51_P391	3.70	up	12.57		19.36	72.34	-0.35	
A 51_P484	7.90	up	103.72	132.09	103.23	823.30	-0.26	0.19
A 55_P210	2.89	up		79.91	46.20	134.97		0.41
A 55_P216	2.25	up	15.50	29.12	16.71	38.01	-0.60	0.41
A 51_P349	2.02	up	303.39	160.27	152.75	310.80	0.41	-0.41
A 52_P338	5.75	up	413.30	1052.24	290.64	1685.57	-0.72	0.72
A 51_P338	2.70	up		17.70	17.79	48.51		0.01
A 55_P225	6.92	up	66.64	15.45	19.12	133.65	0.86	-1.15
A 55_P195	2.02	up	693.95	911.50	837.59	1709.13	-0.42	0.07
A 55_P196	5.71	up	15973.43	43464.32	11836.08	68257.26	-0.77	0.77
A 51_P383	7.30	up		75.64	38.68	284.90		0.49
A 51_P325	141.09	up	21.56	24.09	27.62	3933.88	-0.35	-0.09
A 55_P196	4.29	up	93.27	90.54	71.21	308.03	-0.03	0.03
A 51_P436	2.89	up	21.16	57.89	15.02	43.73	-0.56	1.00
A 51_P174	4.93	up	34.70	286.29	112.76	560.66	-2.46	0.68
A 55_P200	2.28	up	26.51	40.66	37.45	86.26	-0.65	0.07
A 52_P251	3.82	up		15.47	15.92	61.34		-0.01
A 51_P279	3.33	up	39.21	54.13	40.25	135.35	-0.34	0.22
A 55_P195	2.18	up	82.58	540.82	184.62	406.08	-1.80	1.01
A 55_P206	2.31	up	96.05	73.27	34.34	80.18	0.24	-0.05
A 55_P203	12.15	up	1189.79	3465.54	2167.40	26586.45	-1.29	0.35
A 55_P203	5.17	up	140.24	166.87	185.43	968.17	-0.42	-0.07
A 55_P203	8.98	up	406.48	1271.62	811.49	7354.60	-1.41	0.33
A 51_P136	2.01	up		32.79	28.28	57.29		0.12
A 51_P405	2.04	up	146.90	219.28	86.37	178.14	-0.17	0.51
A 51_P157	2.87	up	113.25	111.38	163.30	473.39	-0.34	-0.27
A 52_P401	2.21	up		213.30	75.70	169.12		0.94
A 55_P210	3.38	up	167.45	47.92	23.89	81.54	1.34	-0.37
A 66_P121	16.83	up	29.80	66.09	37.44	636.18	-0.83	0.42
A 52_P449	2.06	up	22.81	43.57	36.64	76.09	-0.90	0.14
A 55_P204	2.81	up	70.78	78.04	16.64	47.22	0.26	0.50
A 55_P200	2.44	up		28.09	15.30	37.66		0.45
A 51_P462	6.45	up	171.53	86.11	74.91	487.66	0.45	-0.45
A 55_P207	12.91	up	51.48	631.05	191.45	2495.10	-2.84	0.87
A 55_P234	2.43	up	7472.30	760.44	1142.41	2803.19	1.99	-1.21
A 51_P407	9.65	up	41.36	105.32	17.13	166.93	-0.72	0.72
A 51_P487	77.56	up	253.26	34.81	181.86	14237.83	0.20	-2.56
A 55_P211	2.24	up	16.15	46.65	19.11	43.28	-0.91	0.72
A 52_P549	2.70	up	237.56	1213.72	793.00	2160.15	-2.14	0.32

[3-PDX-Credb_db] (normalized)	[4-double-TGdb_db] (normalized)	1-controldb_m.txt:gPMA	2-db_db.txt:gPMA	3-PDX-Credb_db.txt:gPMA	4-double-TGdb_db.txt:gPMA	GeneSymbol	Description	GO biological process
-1.40	0.00	P	P	P	P	LOC10004	PREDICTED: Mus mu	
-0.56	6.40	P	P	P	P	Kng1	Mus musc	GO:000193
0.03	4.68	A	P	P	P	Mosc1	Mus musc	GO:000815
-1.16	2.07	P	P	P	P	Scd1	Mus musc	GO:000662
0.13	2.38	A	P	P	P	Spp2	Mus musc	GO:000646
0.01	1.19	P	P	P	P		Putative uncharacteri	
0.11	2.73	P	P	P	P	Apoa2	Mus musc	GO:000663
-0.22	0.80	P	P	P	P	C3	Mus musc	GO:000179
-0.01	1.62	P	P	P	P	Sec14l2	Mus musc	GO:000635
-0.23	2.18	P	P	P	P	Gm10639	Mus musc	GO:000815
-0.31	1.04	P	P	P	P	Nrg4	Mus musculus neureg	
0.24	6.45	A	P	P	P	Fgb	Mus musc	GO:000716
0.01	1.50	P	P	P	P	Ccl21b	Mus musc	GO:000693
-0.35	4.34	P	P	P	P	Cyp2e1	Mus musc	GO:005511
0.27	1.29	P	P	P	P	Itih1	Mus musc	GO:003021
-0.92	0.65	P	P	P	P	Serpina3f	Mus musc	GO:003409
-0.50	0.50	P	P	P	P	Maob	Mus musc	GO:001406
-0.15	2.05	P	P	P	P	Gsta2	Mus musc	GO:000815
-0.39	0.92	P	P	P	P	Sprr4	Mus musc	GO:000815
0.24	2.41	A	P	P	P	Abcc6	Mus musc	GO:000620
-0.31	1.40	P	P	P	P	BC015286	Mus musc	GO:000815
-0.33	3.84	P	A	P	P	Apoa1	Mus musc	GO:000193
-0.29	0.80	A	P	P	P	6530418L2	Mus musc	GO:000815
-0.23	2.18	A	P	P	P	Wdr72	Mus musc	GO:000815
0.22	2.09	A	P	P	P	Ugt3a1	Mus musc	GO:000815
-0.52	0.52	P	P	P	P	Dpt	Mus musc	GO:000715
-0.73	0.73	P	P	P	P	AU022751	Mus musc	GO:000815
-0.29	0.74	P	P	P	P	Ddah1	Mus musc	GO:000652
-0.79	0.82	A	P	P	P	Itih4	Mus musculus inter a	
-0.06	1.00	P	P	P	P	Madcam1	Mus musc	GO:000268
-0.22	0.84	P	P	P	P			
-1.32	-0.13	P	P	P	P	Hspa1a	Mus musc	GO:000072
-1.19	1.05	P	P	P	P	4931431B	Mus musc	GO:000815
-0.68	0.61	P	P	P	P	4930583H	Mus musc	GO:000815
-0.13	2.29	P	P	P	P	Es22	Mus musculus estera	
-0.81	0.25	P	P	P	P	Prss12	Mus musc	GO:000650
-0.65	0.65	P	P	P	P	Adc	Mus musc	GO:000659
-0.03	3.47	P	P	P	P	Azgp1	Mus musc	GO:000695
-0.02	1.39	P	P	P	P	Etnk2	Mus musc	GO:000170
-0.25	2.38	P	P	P	P	Apol9b	Mus musc	GO:000815
-0.41	2.06	P	P	P	P	Cd5l	Mus musc	GO:000691
-0.38	2.78	P	P	P	P	Glycam1	Mus musc	GO:000715
-1.28	0.04	P	P	P	P	Gzma	Mus musc	GO:000650
-0.36	0.68	P	P	P	P	Rspo1	Mus musc	GO:001605
0.42	1.52	P	P	P	P	Ppara	Mus musc	GO:000600
-0.53	0.53	P	P	P	P	Prm1	Mus musc	GO:000699
-0.49	3.68	P	P	P	P	Serpina1e	Mus musc	GO:001028
-1.17	-0.16	P	P	P	P	Kcnj12	Mus musc	GO:000681
-0.28	1.90	P	P	P	P	Fmo5	Mus musc	GO:005511
-0.11	3.37	P	P	P	P	Gm7298	PREDICTE	GO:000815
-0.07	2.86	P	P	P	P	Acox2	Mus musc	GO:000662

0.26	1.39	P	P	P	P	Uox	Mus musc	GO:000614
-0.28	4.23	P	P	P	P	Serpina1d	Mus musc	GO:003409
-0.57	0.51	P	P	P	P	T2	Mus musculus brachy	
-1.13	-0.06	P	P	P	P	D13Ert60	Mus musculus 2 days	
0.26	1.33	A	P	P	P	A630095E	Mus musculus RIKEN	
-0.81	0.50	P	P	P	P	Cd163l1	Mus musc	GO:000815
-1.49	-0.22	P	P	P	P	Baz1a	Mus musc	GO:000633
0.14	5.83	P	P	P	P	Alb	Mus musc	GO:000681
-0.52	0.52	A	P	P	P	Wisp2	Mus musc	GO:000155
-0.02	6.38	P	P	P	P	Serpinc1	Mus musc	GO:000758
-0.52	0.94	P	P	P	P	Pglyrp1	Mus musc	GO:000691
-0.12	1.27	P	P	P	P	Gnmt	Mus musc	GO:000591
-0.28	0.99	P	P	P	P	LOC10004	PREDICTED: Mus mu	
-0.10	2.72	P	P	P	P	Cyp2d40	Mus musc	GO:000815
-0.23	5.66	P	P	P	P	Apob	Mus musc	GO:000170
0.05	2.43	P	P	P	P	Ephx2	Mus musc	GO:000254
-0.50	0.50	P	P	P	P	Ccl6	Mus musc	GO:000693
-1.44	-0.09	P	P	P	P		Q3U6K5_M	GO:000038
0.03	1.86	P	P	P	P	Cyp2c70	Mus musc	GO:000815
-0.10	3.24	A	P	P	P	Serpina6	Mus musc	GO:000681
-0.19	2.31	P	P	P	P	Aldh1l1	Mus musc	GO:000671
-0.20	1.30	P	P	P	P	Madcam1	Mus musc	GO:000268
-0.29	5.81	P	P	P	P	Akr1c6	Mus musc	GO:000669
0.29	7.61	P	A	P	P	Apoc3	Mus musc	GO:000664
-1.42	0.01	P	P	P	P	Retnla	Mus musculus resisti	
0.11	1.98	P	P	P	P	Grem1	Mus musc	GO:000152
-0.80	1.39	P	P	P	P	Mosc1	Mus musc	GO:000815
-0.68	0.68	P	P	P	P	Nr5a1	Mus musc	GO:000155
0.21	2.03	P	P	P	P	Tmprss6	Mus musc	GO:000650
0.02	5.15	P	P	P	P	Apoc4	Mus musc	GO:000681
-0.10	0.90	P	P	P	P	Sh3bp1	Mus musc	GO:000710
-0.73	1.80	P	P	P	P	Chst4	Mus musc	GO:000591
-0.95	5.31	P	P	P	P	Hc	Mus musc	GO:000170
-1.39	1.42	P	P	P	P	Alas2	Mus musc	GO:000678
0.14	4.70	P	P	P	P	Apoc1	Mus musc	GO:000664
-0.64	0.80	P	P	P	P	Aspa	Mus musc	GO:000608
-0.45	0.75	P	P	P	P	Nrn1	Mus musc	GO:000739
-0.22	0.92	P	P	P	P	Cpxm1	Mus musc	GO:000650
-0.22	0.81	P	P	P	P	Ccl19	Mus musc	GO:000693
-0.15	2.94	P	P	P	P	Itih3	Mus musc	GO:003021
-2.12	5.06	P	P	P	P	Hp	Mus musc	GO:000188
-1.62	-0.26	P	P	P	P		Mus musculus immuni	
-0.25	1.19	P	P	P	P	Adamdec1	Mus musc	GO:000650
0.04	1.63	P	P	P	P	261050710	Mus musc	GO:000815
0.06	1.26	P	P	P	P	Cdo1	Mus musc	GO:000759
-0.89	1.12	P	P	P	P	Gm4951	Mus musc	GO:000815
-0.42	5.10	P	P	P	P	Serpina1a	Mus musc	GO:000648
-0.56	0.56	P	P	P	P		Putative uncharacteri	
-0.10	1.42	P	P	P	P	AI132487	Mus musc	GO:000681
-0.63	0.63	P	P	P	P	Prb1	Mus musc	GO:000815
-0.23	0.83	A	P	P	P	Krtap11-1	Mus musculus keratin	
-0.30	5.02	P	P	P	P	Serpina1a	Mus musc	GO:000648
-0.49	0.54	P	P	P	P	Hmgcs2	Mus musc	GO:000669
0.04	2.40	P	P	P	P	Slc22a1	Mus musc	GO:000681
0.15	4.28	P	P	P	P	Serpinf2	Mus musc	GO:000693
-0.52	0.52	P	P	P	P	Prpmp5	Mus musc	GO:000815
0.62	5.78	A	A	P	P	Rdh7	Mus musc	GO:000815
-0.43	0.88	P	P	P	P	Cdk15	Mus musc	GO:000648
-0.72	4.96	P	A	P	P	Gstm3	Mus musc	GO:000815

-0.20	2.80	A	P	P	P	220000111	Mus musc	GO:000815
0.03	1.08	P	P	P	P	Fam176a	Mus musc	GO:000691
-0.25	1.02	P	P	P	P	Ccdc11	Mus musc	GO:000815
-0.06	2.79	P	P	P	P	Proz	protein Z,	GO:000650
-0.28	1.01	P	P	P	P	Mgst1	Mus musc	GO:000674
-0.14	1.12	P	P	P	P	Vnn3	Mus musc	GO:000680
-0.38	2.10	P	P	P	P	Raet1e	Mus musc	GO:000695
-0.10	0.97	P	A	P	P	Pdzk1	Mus musculus PDZ d	
-1.17	0.11	P	P	P	P	Serpina3f	Mus musc	GO:003409
-0.75	0.62	P	P	P	P	Gm6683	PREDICTE	GO:000815
-0.37	0.65	P	P	P	P	Ugt3a2	Mus musc	GO:000815
-1.32	-0.31	P	P	P	P	LOC10004	PREDICTED: Mus mu	
-1.12	0.74	P	P	P	P	Kmo	Mus musc	GO:000815
0.58	4.46	A	A	P	P	Uroc1	Mus musc	GO:000654
-0.55	0.55	P	P	P	P	Slc6a12	Mus musc	GO:000681
-0.04	1.64	P	P	P	P	Cyp2d12	Mus musc	GO:000815
-0.01	1.69	P	P	P	P	Wdr86	Mus musc	GO:000815
-0.53	0.66	P	P	P	P	Ear11	Mus musc	GO:000815
0.25	2.48	A	A	P	P	Masp2	Mus musc	GO:000650
-0.39	0.83	P	P	P	P	Serpina3n	Mus musc	GO:000695
-0.39	0.75	P	P	P	P	2210023G	Mus musc	GO:000815
0.35	2.11	A	A	P	P	Fgl1	Mus musc	GO:000710
-0.74	0.74	P	P	P	P		Putative uncharacteri	
0.16	2.45	P	P	P	P	Abcg5	Mus musc	GO:000681
-0.13	1.36	P	P	P	P	Qprt	Mus musc	GO:000815
-0.09	1.99	P	P	P	P	Pax2	Mus musc	GO:000012
0.00	1.83	P	P	P	P	Ccl21a	Mus musc	GO:000691
-0.19	1.04	P	P	P	P	Slc35d1	Mus musculus solute	
-0.66	0.66	P	P	P	P	AW493563	VP01_12_E18.x1 FH V	
-0.17	5.75	P	P	P	P	Cyp2a21-r	PREDICTED: Mus mu	
-2.02	-0.16	P	P	P	P		Ig kappa chain V-V re	
0.25	1.35	P	P	P	P	Gstm6	Mus musc	GO:000815
-0.20	1.69	P	P	P	P	Saa1	Mus musc	GO:000695
0.20	3.61	P	P	P	P	Apoa2	Mus musc	GO:000663
-0.70	0.65	P	P	P	P	Slc14a2	Mus musc	GO:001584
-0.26	1.05	P	P	P	P	Pygl	Mus musc	GO:000597
-0.15	1.62	P	P	P	P	Gm5226	PREDICTE	GO:000815
-0.32	3.37	P	P	P	P	Apoc2	Mus musc	GO:000662
-0.78	0.78	P	P	P	P	Gm12962	PREDICTE	GO:000815
-0.60	0.60	P	P	P	P	Gja5	Mus musc	GO:000150
0.07	2.99	P	P	P	P	Slc27a2	Mus musc	GO:000003
-0.51	0.56	A	P	P	P	Oit3	Mus musculus oncop	
-0.14	2.05	P	P	P	P	Aadac	Mus musc	GO:000815
-0.49	0.86	P	P	P	P	Igf1	Mus musc	GO:000164
-1.14	0.09	P	P	P	P	Il6	Mus musc	GO:000178
-0.42	0.77	P	P	P	P	Art4	Mus musc	GO:000815
0.82	3.31	A	A	P	P	Gm7231	PREDICTE	GO:000815
0.11	1.61	A	P	P	P	Wdr64	Mus musc	GO:000815
-0.81	0.37	P	P	P	P		Putative uncharacteri	
-0.75	0.45	P	P	P	P	Dnase1	Mus musc	GO:000630
-0.35	0.91	A	P	P	P	Ddah1	Mus musc	GO:000652
0.20	2.91	A	A	P	P	Apob	Mus musc	GO:000170
-0.23	0.94	P	P	P	P	Thrsp	Mus musculus thyroid	
-1.06	0.72	P	P	P	P		1TPZ_A Chain A, Cry	
-0.43	0.65	P	P	P	P	C4b	Mus musc	GO:000695
-0.06	0.99	P	P	P	P	Fabp2	Mus musc	GO:000663
-0.72	0.40	P	P	P	P	A630033H	Mus musc	GO:000710
-0.89	0.47	P	P	P	P	Haa0	Mus musc	GO:000815
-1.29	1.05	P	P	P	P	Adam32	Mus musc	GO:000650

-0.52	0.52	P	P	P	P	Gm8061	PREDICTED: Mus mu	
-0.54	1.70	P	P	P	P	Ces2	Mus musc	GO:000110
0.30	1.57	P	P	P	P	Apom	Mus musc	GO:00068
-0.33	0.93	P	P	P	P	Acat3	Mus musculus acetyl	
-0.25	1.37	P	P	P	P	Cyp3a13	Mus musc	GO:00551
0.45	2.31	P	P	P	P	Gys2	Mus musc	GO:00059
-0.21	1.15	P	P	P	P	Cfi	Mus musc	GO:000650
-0.08	2.55	P	P	P	P	Masp2	Mus musc	GO:000650
-0.61	0.42	P	P	P	P			
-0.63	0.59	P	P	P	P	Sulf1	Mus musc	GO:000679
-0.77	0.89	P	P	P	P	Ces5	Mus musc	GO:000815
0.15	3.15	P	P	P	P	Fgl1	Mus musc	GO:000710
-0.04	3.19	P	P	P	P	Mst1	Mus musc	GO:000650
-0.48	1.15	P	P	P	P	Aldh1a1	Mus musc	GO:000207
-0.99	0.22	P	P	P	P	Angptl7	Mus musc	GO:000710
-1.51	1.42	P	P	P	P	Hbb-b1	Mus musc	GO:00068
-0.68	0.68	P	P	P	P	Olf97	Mus musc	GO:000710
0.05	2.43	P	P	P	P	Fbp1	Mus musc	GO:00059
-0.70	0.53	P	P	P	P	Gdpd2	Mus musc	GO:000607
-0.42	5.00	P	P	P	P	Serpina1c	Mus musc	GO:003409
-0.29	6.82	P	P	P	P	Cyp2a4	Mus musc	GO:00551
-0.60	0.60	P	P	P	P	Osgin1	Mus musc	GO:000815
-0.58	0.58	P	P	P	P	Bst1	Mus musc	GO:000815
0.11	2.13	P	P	P	P	Cyp4a12b	Mus musc	GO:005511
-0.50	6.58	P	P	P	P	Pzp	Mus musculus pregna	
-0.45	1.59	P	P	P	P	Inmt	Mus musculus indolet	
-0.10	1.51	P	P	P	P	Cyp2d11	Mus musc	GO:000815
-0.54	0.69	P	P	P	P	Cfb	Mus musc	GO:000650
-0.45	0.71	P	P	P	P	Ak3l1	Mus musc	GO:000613
-0.16	2.95	P	P	P	P	Trfr2	Mus musc	GO:000650
0.44	2.44	P	P	P	P	Asgr1	Mus musc	GO:000689
-0.63	0.63	P	P	P	P	AI507597	Mus musc	GO:000815
0.08	1.53	P	P	P	P	C8g	Mus musc	GO:00068
-0.58	1.60	P	P	P	P	Gm10639	Mus musc	GO:000815
0.01	1.30	P	P	P	P	Cyp2c37	Mus musc	GO:00551
-0.51	0.53	P	P	P	P	B230114P	Mus musc	GO:000815
-0.19	3.02	P	P	P	P	Aldob	Mus musc	GO:000609
-0.12	4.63	P	P	P	P	Cyp2d26	Mus musc	GO:004249
0.25	2.07	P	P	P	P	Uox	Mus musc	GO:000614
-0.43	5.01	P	P	P	P			
-0.42	2.26	P	P	P	P	Aspg	Mus musc	GO:000652
-0.17	2.35	P	P	P	P	Fmo5	Mus musc	GO:005511
-0.50	0.50	P	P	P	P	Dux	Mus musculus double	
0.08	1.10	P	P	P	P	Pemt	Mus musc	GO:000664
-0.65	0.65	P	P	P	P	Cxcl9	Mus musc	GO:000695
-0.35	0.71	P	P	P	P	Clca2	Mus musc	GO:000682
-0.68	0.42	P	P	P	P	Serpine1	Mus musc	GO:004200
-0.96	2.13	P	P	P	P	Hrg	Mus musc	GO:005197
-0.48	0.87	P	P	P	P	Ch25h	Mus musc	GO:000661
-0.93	1.21	P	P	P	P	F830016B	Mus musc	GO:000815
-1.38	1.39	P	P	P	P		hemoglobin, beta adul	
-0.05	1.12	P	P	P	P	Creb3l3	Mus musc	GO:000635
-1.05	1.53	P	P	P	P	Hba-a1	Mus musc	GO:000170
0.29	2.51	A	P	P	P	Pck1	Mus musc	GO:000609
-0.26	3.28	P	P	P	P	Serpind1	Mus musc	GO:000750
-0.54	0.54	P	P	P	P	Fn1	Mus musc	GO:000152
0.75	3.87	P	P	P	P	A930009L	Mus musc	GO:000815
-0.41	0.84	A	P	P	P	Nnmt	Mus musculus nicotin	
-0.73	0.73	P	P	P	P	Slc2a2	Mus musc	GO:00068

-1.20	1.20	P	P	P	P	Cox6a2	Mus musculus cytoch
-0.74	0.74	P	P	P	P	Prp2	Mus musculus proline
-0.38	0.99	P	P	P	P	Mrap	Mus musc GO:005081
-0.15	0.93	P	P	P	P	Raet1b	Mus musc GO:000283
-0.08	1.01	P	P	P	P	Ges2	Mus musc GO:000110
-1.20	0.97	P	P	P	P	Trpm5	Mus musc GO:000681
-0.15	2.32	P	P	P	P	Acsml	Mus musc GO:000662
-1.74	-0.62	P	P	P	P		immunoglobulin heavy
-0.67	0.67	A	P	P	P	Muc6	mucin 6, g GO:000813
-0.25	1.18	P	P	P	P	Fst	Mus musc GO:000727
-0.60	0.73	A	P	P	P	Apol7c	Mus musc GO:000813
-1.18	0.05	P	P	P	P	LOC10004	PREDICTED: Mus mu
-1.02	0.06	P	P	P	P	Kynu	Mus musc GO:000650
-0.04	2.38	P	P	P	P	Cyp3a11	Mus musc GO:005511
-0.21	2.24	P	P	P	P		
-0.39	1.37	P	P	P	P	Slc15a2	Mus musc GO:000681
-0.20	0.86	P	P	P	P	Acat2	Mus musc GO:000813
-0.07	1.33	P	A	P	P	Kcnk9	Mus musc GO:000681
-0.09	1.24	P	P	P	P	Pdzk1	Mus musculus PDZ d
-0.56	0.56	P	P	P	P	Ear12	Mus musc GO:000813
-0.12	1.87	P	P	P	P	Cyp4a31	Mus musc GO:000813
-1.38	1.42	P	P	P	P	Hbb-b2	Mus musc GO:000681
-0.12	5.17	P	P	P	P	Slc27a5	Mus musc GO:000161
0.69	2.94	A	A	P	P	AW111846	Mus musculus adult n
-1.15	1.15	P	P	P	P	Fam151a	Mus musc GO:000813
-0.55	2.24	P	P	P	P	Pipox	Mus musc GO:004665
-0.38	0.85	P	P	P	P	Sh3gl3	Mus musc GO:000689
0.14	1.26	P	P	P	P	Aqp8	Mus musc GO:000681
-0.11	1.37	P	P	P	P	Cyp4a10	Mus musc GO:000663
-0.04	1.60	P	P	P	P	Itih2	Mus musc GO:003021
-0.45	0.66	P	P	P	P	C78859	Mus musc GO:000813
-0.76	0.76	P	A	P	P	Aspdh	Mus musc GO:000674
-0.18	1.26	P	P	P	P	Dhcr24	Mus musc GO:000669
-0.38	1.21	P	P	P	P	Clec4g	Mus musc GO:000813
-0.55	0.55	P	P	P	P	221001911	Mus musc GO:000813
-0.15	2.83	A	P	P	P	Slc6a13	Mus musc GO:000681
0.49	1.78	A	A	P	P	Ttn	Mus musc GO:000170
-0.41	1.43	P	P	P	P	Gm7969	PREDICTE GO:000813
0.11	2.04	P	P	P	P	Apof	Mus musc GO:000662
-0.75	0.38	P	P	P	P	Serpina3g	Mus musc GO:000691
-0.14	1.47	P	P	P	P	Lrrtm2	Mus musc GO:000813
0.16	2.35	P	P	P	P	Gckr	Mus musc GO:000000
-0.11	0.97	P	P	P	P		Mus musculus adult n
-0.45	1.79	P	P	P	P	Gm7969	PREDICTE GO:000813
0.13	1.75	P	P	P	P	Gulo	Mus musc GO:000905
-1.14	0.49	P	P	P	P	Spr2a2	Mus musc GO:000813
0.14	2.71	P	P	P	P	Cyp26b1	Mus musc GO:000170
0.04	1.13	P	P	P	P	LOC10004	PREDICTED: Mus mu
-0.24	0.92	P	P	P	P	Ccl19	Mus musc GO:000693
0.06	2.14	P	P	P	P	Mmrn1	Mus musc GO:000813
-0.60	0.61	P	P	P	P	Fabp7	Mus musc GO:000190
-0.26	5.70	A	P	P	P	Ahsg	Mus musc GO:000150
-0.61	5.25	P	P	P	P	H2-Q10	Mus musc GO:000247
-0.26	5.47	P	P	P	P	Mup2	Mus musculus major t
-0.97	0.50	P	P	P	P	Il1rap	Mus musc GO:000710
0.03	1.28	P	P	P	P	Arhgap36	Mus musc GO:000813
0.00	3.16	P	P	P	P	Mst1	Mus musc GO:000650
-0.67	1.51	P	P	P	P	Fut7	Mus musc GO:000648
0.17	3.38	P	A	P	P	Adh4	Mus musc GO:000600

-0.50	0.50	P	P	P	P	Ccl9	Mus musc	GO:000693
-0.64	2.01	P	P	P	P	Afm	Mus musc	GO:000681
-1.06	1.08	P	P	P	P	Serpina3m	Mus musc	GO:003409
0.35	2.50	P	P	P	P	F2	Mus musc	GO:000650
-0.64	0.54	P	P	P	P	Kcna2	Mus musc	GO:000681
-1.99	-0.01	P	P	P	P	Eif2s3x	Mus musc	GO:000641
0.22	1.44	A	P	P	P	Gm10768	Mus musc	GO:000815
-0.04	3.13	A	P	P	P	C4bp	Mus musc	GO:000693
-0.41	4.70	P	P	P	P	Serpina1e	Mus musc	GO:001028
-0.77	0.76	P	P	P	P	Zdhhc22	Mus musc	GO:000815
-0.38	4.46	P	A	P	P	Gltpd2	Mus musc	GO:000815
-0.21	1.91	P	P	P	P	Cyp2c38	Mus musc	GO:005511
-0.49	0.74	P	P	P	P	Igf1	Mus musc	GO:000164
-1.28	0.16	P	P	P	P	Ecel1	Mus musc	GO:000650
0.35	2.24	P	A	P	P	Agxt2l1	Mus musc	GO:000815
-0.19	2.79	P	P	P	P	Asgr2	Mus musc	GO:000689
-0.41	1.13	A	P	P	P	Plin5	Mus musculus perilipi	
-0.41	0.76	P	P	P	P	Rspo3	Mus musc	GO:001605
-0.50	0.51	P	P	P	P	Ang2	Mus musculus angioge	
-1.15	1.37	P	P	P	P	Ubd	Mus musculus ubiquit	
-0.01	1.43	A	P	P	P	Tnnt2	Mus musc	GO:000693
-0.86	1.93	P	P	P	P	A030001D	Mus musc	GO:000815
-0.07	0.94	P	P	P	P	Sord	Mus musc	GO:000606
-1.13	1.39	P	P	P	P	Hba-a2	Mus musc	GO:000170
-0.49	2.37	A	P	P	P	Aldh1a7	Mus musc	GO:000815
0.09	7.23	P	P	P	P	Hpx	Mus musc	GO:000263
-0.34	1.76	P	P	P	P	Cyp2c67	Mus musc	GO:000815
-0.97	0.56	P	P	P	P	Ccl7	Mus musc	GO:000693
-0.68	1.62	P	P	P	P	F10	Mus musc	GO:000650
-0.07	1.12	P	P	P	P	Fgl1	Mus musc	GO:000716
0.01	1.94	A	P	P	P	Prodh2	Mus musc	GO:000653
-0.22	1.51	P	P	P	P	Mfsd2a	Mus musc	GO:000681
-0.56	0.56	P	P	P	P	Ear2	Mus musc	GO:000693
-1.16	0.05	P	P	P	P	Gm15698	Mus musculus predict	
-0.35	3.25	P	P	P	P	Trf	Mus musc	GO:000681
0.07	2.44	P	P	P	P	Gsta1	Mus musc	GO:000674
-0.33	2.83	P	P	P	P	Trf	Mus musc	GO:000681
-0.12	0.89	A	P	P	P	Cyp4f15	Mus musc	GO:000815
-0.86	0.17	P	P	P	P	Maf	Mus musc	GO:000181
0.27	1.79	P	P	P	P	Rgn	Mus musculus reguca	
-0.57	0.57	A	P	P	P	Thbs4	Mus musc	GO:000715
-1.39	0.37	P	P	P	P	Mrap2	Mus musc	GO:000815
-0.42	3.65	P	P	P	P	Serpina1d	Mus musc	GO:003409
-0.14	0.91	P	P	P	P	Id4	Mus musc	GO:000008
-1.75	-0.26	P	P	P	P	Phox2b	Mus musc	GO:000170
-0.45	0.84	A	P	P	P	Tnn	Mus musc	GO:000716
-0.67	2.02	P	P	P	P	G6pc	Mus musc	GO:000597
-0.87	2.82	P	P	P	P	Itih4	Mus musculus inter a	
-0.64	0.64	P	P	P	P	AU040972	H3052C06	GO:000815
-1.92	1.35	P	P	P	P		Mus musculus rearrar	
-0.20	6.08	P	P	P	P	Fabp1	Mus musc	GO:000681
-0.58	0.58	P	P	P	P	Bst1	Mus musc	GO:000815
-0.32	1.12	P	P	P	P	Mgst1	Mus musc	GO:000674

GO cellular component	GO molecular function	Chromosome End Index_Avadis_	Chromosome Number_Avadis_	Chromosome Start Index_Avadis_	Chromosome Strand_Avadis_	Cytoband	Ensembl ID	EntrezGeneID
sculus similar to prec		113884088	chr13	113884029	-	mm 13qD2.2		100045268
GO:00055	GO:00020	23081759	chr16	23081700	+	mm 16qB1	ENSMUST	16644
GO:00057	GO:00036	186611226	chr1	186611167	-	mm 1qH5	ENSMUST	66112
GO:00057	GO:00047	44469446	chr19	44469387	-	mm 19qC3	ENSMUST	20249
GO:00055	GO:00036	90323003	chr1	90322944	+	mm 1qD	ENSMUST	75396
zed protein [Source:		14523482	chr9	14523423	+	mm 9qA2	ENSMUST	000000989
GO:00055	GO:00080	173156504	chr1	173156445	+	mm 1qH3	ENSMUST	11807
GO:00055	GO:00048	57343475	chr17	57343416	-	mm 17qD	ENSMUST	12266
GO:00056	GO:00052	3997333	chr11	3997274	-	mm 11qA1	ENSMUST	67815
GO:00055	GO:00036	78153302	chr9	78153243	+	mm 9qE1	ENSMUST	100042314
GO:00055	GO:00080	55068089	chr9	55068030	-	mm 9qB	ENSMUST	83961
GO:00055	GO:00051	82846393	chr3	82846334	-	mm 3qE3	ENSMUST	110135
GO:00055	GO:00051	41775333	chr4	41775274	+	mm 4qA5	ENSMUST	100042493
GO:00001	GO:00044	147960687	chr7	147960628	+	mm 7qF5	ENSMUST	13106
GO:00055	GO:00048	31742434	chr14	31742375	-	mm 14qB	ENSMUST	16424
GO:00055	GO:00036	105492615	chr12	105492556	+	mm 12qE	ENSMUST	238393
GO:00057	GO:00081	16286486	chrX	16286427	-	mm XqA1.1	ENSMUST	109731
GO:00056	GO:00043	78178915	chr9	78178856	-	mm 9qE1	ENSMUST	14858
GO:00055	GO:00036	92304254	chr3	92304195	-	mm 3qF1	ENSMUST	229562
GO:00056	GO:00001	53231923	chr7	53231864	-	mm 7qB4	ENSMUST	27421
GO:00055	GO:00036	107362480	chr8	107362421	+	mm 8qD3	ENSMUST	234669
GO:00055	GO:00048	46037980	chr9	46037921	+	mm 9qA5.2	ENSMUST	11806
GO:00055	GO:00036	105520880	chr3	105520821	+	mm 3qF2.2	ENSMUST	109050
GO:00055	GO:00036	74130635	chr9	74130576	+	mm 9qD	ENSMUST	546144
GO:00055	GO:00036	9244723	chr15	9244664	+	mm 15qA1	ENSMUST	105887
GO:00055	GO:00036	166753762	chr1	166753703	+	mm 1qH2.2	ENSMUST	56429
GO:00055	GO:00036	5658422	chrX	5658363	-	mm XqA1.	ENSMUST	102991
GO:00057	GO:00082	145516211	chr3	145516152	+	mm 3qH2	ENSMUST	69219
GO:00057	GO:00055	31711281	chr14	31711222	+	mm 14qB	ENSMUST	16427
GO:00160	GO:00055	79129191	chr10	79129132	+	mm 10qC1	ENSMUST	17123
		87805246	chr5	87805187	-	mm 5qE1		
GO:00057	GO:00001	35107176	chr17	35107117	-	mm 17qB1	ENSMUST	193740
GO:00055	GO:00036	135345676	chr7	135345617	-	mm 7qF3		70973
GO:00055	GO:00036	51192414	chr3	51192355	-	mm 3qC	ENSMUST	67749
GO:00057	GO:00040	95725266	chr8	95725207	-	mm 8qC5	ENSMUST	13897
GO:00055	GO:00038	123209468	chr3	123209409	+	mm 3qG1	ENSMUST	19142
GO:00057	GO:00038	128623373	chr4	128623314	-	mm 4qD2.2	ENSMUST	242669
GO:00055	76(extracel	138431304	chr5	138431245	+	mm 5qG2	ENSMUST	12007
GO:00055	GO:00036	135276862	chr1	135276803	+	mm 1qE4	ENSMUST	214253
GO:00055	GO:00036	77566810	chr15	77566751	+	mm 15qE1	ENSMUST	71898
GO:00055	GO:00050	87174882	chr3	87174823	+	mm 3qF1	ENSMUST	11801
GO:00058	GO:00055	103393398	chr15	103393339	-	mm 15qF3	ENSMUST	14663
GO:00055	GO:00038	113884094	chr13	113884035	-	mm 13qD2	ENSMUST	14938
GO:00055	GO:00051	124686329	chr4	124686270	+	mm 4qD2.2	ENSMUST	192199
GO:00056	GO:00036	85637252	chr15	85637193	+	mm 15qE2		19013
GO:00007	GO:00036	10796509	chr16	10796450	-	mm 16qA1	ENSMUST	19118
GO:00055	GO:00048	105185349	chr12	105185290	-	mm 12qE	ENSMUST	20704
GO:00160	GO:00052	60884615	chr11	60884556	+	mm 11qB2	ENSMUST	16515
GO:00057	GO:00044	97459192	chr3	97459133	+	mm 3qF2.2	ENSMUST	14263
GO:00055	GO:00036	121737552	chr6	121737493	+	mm 6qF1		640530
GO:00057	GO:00039	9058200	chr14	9058141	-	mm 14qA1	ENSMUST	93732

GO:000573	GO:000484	146290847	chr3	146290788	+	mm	3qH2	ENSMUST	22262
GO:000557	GO:000484	105002989	chr12	105002930	-	mm	12qE	ENSMUST	20703
ury 2 (T2), mRNA [NM	8615528	chr17	8615469	+	mm	17qA1	ENSMUST	21331	
pregnant adult female oviduct cDNA, RIKEN full-length enriched library, clone:E230022									52673
GO:0005576(extracel	36443486	chr9	36443427	-	mm	9qA4	ENSMUST	235973	
GO:000557	GO:000367	147417030	chr7	147416971	+	mm	7qF4	ENSMUST	244233
GO:000022	GO:000557	55994057	chr12	55993998	-	mm	12qC1		217578
GO:000557	GO:000557	90901657	chr5	90901598	+	mm	5qE1	ENSMUST	11657
GO:000557	GO:000557	163658776	chr2	163658717	+	mm	2qH3	ENSMUST	22403
GO:000557	GO:000484	162932624	chr1	162932565	+	mm	1qH2.1	ENSMUST	11905
GO:000557	GO:000512	19475721	chr7	19475662	+	mm	7qA3	ENSMUST	21946
GO:000564	GO:000554	46863042	chr17	46862894	-	mm	17qC	ENSMUST	14711
sculus hypothetical pr	164394045	chr2	164393986	+	mm	2qH3			100045919
GO:000557	GO:000367	82590347	chr15	82590288	-	mm	15qE1	ENSMUST	71754
GO:000564	GO:000557	8012756	chr12	8012697	+	mm	12qA1	ENSMUST	238055
GO:000573	GO:000028	66703273	chr14	66703214	-	mm	14qD1	ENSMUST	13850
GO:000557	GO:000512	83402056	chr11	83401997	-	mm	11qC	ENSMUST	20305
GO:000078	GO:000016	111479067	chr4	111479008	-	mm	4qD1		
GO:000557	GO:000367	40228028	chr19	40227969	-	mm	19qC3	ENSMUST	226105
GO:000557	GO:000484	104884939	chr12	104884880	-	mm	12qE	ENSMUST	12401
GO:000573	GO:000003	90549150	chr6	90549091	+	mm	6qD1	ENSMUST	107747
GO:001602	GO:000557	79131271	chr10	79131212	+	mm	10qC1	ENSMUST	17123
GO:000557	GO:000430	4456487	chr13	4456428	+	mm	13qA1	ENSMUST	83702
GO:000557	GO:000367	46041193	chr9	46041134	-	mm	9qA5.2	ENSMUST	11814
GO:000557	GO:000512	48844506	chr16	48844447	+	mm	16qB5	ENSMUST	57262
GO:000557	GO:000512	113589286	chr2	113589227	-	mm	2qE4	ENSMUST	23892
GO:000573	GO:000367	186610771	chr1	186610712	-	mm	1qH5	ENSMUST	66112
GO:000564	GO:000367	38548239	chr2	38548180	-	mm	2qB	ENSMUST	26423
GO:000588	GO:000382	78270317	chr15	78270258	-	mm	15qE1	ENSMUST	71753
GO:0005576(extracel	20263965	chr7	20263609	-	mm	7qA3	ENSMUST	11425	
GO:000564	GO:000509	78736927	chr15	78736868	+	mm	15qE1	ENSMUST	20401
GO:000013	GO:000814	112553204	chr8	112553145	-	mm	8qD3	ENSMUST	26887
GO:000557	GO:000484	34838958	chr2	34838899	-	mm	2qB	ENSMUST	15139
GO:000573	GO:000382	147005052	chrX	147004993	+	mm	XqF3	ENSMUST	11656
GO:0005576(extracel	20274890	chr7	20274831	-	mm	7qA3	ENSMUST	11812	
GO:000564	GO:000404	73119110	chr11	73119051	-	mm	11qB4	ENSMUST	11484
GO:0005886(plasma r	36818000	chr13	36817941	-	mm	13qA3	ENSMUST	68404	
GO:000557	GO:000418	130216670	chr2	130216611	-	mm	2qF1	ENSMUST	56264
GO:000557	GO:000512	42248585	chr4	42248526	+	mm	4qA5	ENSMUST	24047
GO:000557	GO:000484	31721894	chr14	31721835	-	mm	14qB	ENSMUST	16426
GO:000557	GO:000382	112099104	chr8	112099045	-	mm	8qD3	ENSMUST	15439
oglobulin kappa chain	70622273	chr6	70622214	+	mm	6qC1	ENSMUST	000001034	
GO:000557	GO:000367	69181532	chr14	69181473	-	mm	14qD2		58860
GO:000557	GO:000367	59011363	chr11	59011304	-	mm	11qB1.3		72203
GO:000588	GO:000557	46873479	chr18	46873420	-	mm	18qC	ENSMUST	12583
GO:000557	GO:000367	60407465	chr18	60407406	+	mm	18qD3	ENSMUST	240327
GO:000557	GO:000484	105091878	chr12	105091819	-	mm	12qE	ENSMUST	20700
zed protein [Source:	101672089	chr8	101672030	+	mm	8qD1	ENSMUST	000000984	
GO:000573	GO:000367	110094720	chr12	110094661	+	mm	12qF1	ENSMUST	104910
GO:000557	GO:000367	132157231	chr6	132157172	-	mm	6qG1	ENSMUST	381833
associated protein 1	89570480	chr16	89570421	-	mm	16qC3.3			16693
GO:000557	GO:000484	105092038	chr12	105091979	-	mm	12qE	ENSMUST	20700
GO:000573	GO:000382	98114655	chr3	98114596	+	mm	3qF2.2	ENSMUST	15360
GO:000588	GO:000521	12845321	chr17	12845262	-	mm	17qA1	ENSMUST	20517
GO:000557	GO:000484	75245311	chr11	75245252	-	mm	11qB5	ENSMUST	18816
GO:000557	GO:000367	132262248	chr6	132262189	-	mm	6qG1	ENSMUST	381832
GO:000573	GO:000382	127321205	chr10	127321146	-	mm	10qD3	ENSMUST	54150
GO:000557	GO:000016	59387841	chr1	59387782	+	mm	1qC1.3	ENSMUST	271697
GO:000573	GO:000436	107766674	chr3	107766615	-	mm	3qF2.3	ENSMUST	14864

GO:00055	GO:00036	35166894	chr14	35165215	-	mm	14qB	ENSMUST	69134
GO:00055	GO:00036	82042974	chr6	82042915	+	mm	6qC3	ENSMUST	232146
GO:00055	GO:00036	74519443	chr18	74519384	+	mm	18qE2	ENSMUST	74453
GO:00055	GO:00038	13075942	chr8	13075883	+	mm	8qA1	ENSMUST	66901
GO:00056	GO:00043	138104905	chr6	138104846	+	mm	6qG1	ENSMUST	56615
GO:00056	GO:00167	23589353	chr10	23587033	+	mm	10qA4	ENSMUST	26464
GO:00058	GO:00467	21903584	chr10	21903525	+	mm	10qA3	ENSMUST	379043
GO:00057	GO:00051	96674623	chr3	96674564	+	mm	3qF2.1	ENSMUST	59020
GO:00055	GO:00036	105459048	chr12	105458989	+	mm	12qE	ENSMUST	238393
GO:00055	GO:00036	54767961	chr14	54767902	-	mm	14qC2		626545
GO:00055	GO:00036	9300262	chr15	9300203	+	mm	15qA1	ENSMUST	223337
sculus similar to Chai		70653980	chr6	70653921	+	mm	6qC1	ENSMUST	100047628
GO:00057	GO:00044	177590732	chr1	177590673	+	mm	1qH4	ENSMUST	98256
GO:00055	GO:00036	90314396	chr6	90314337	+	mm	6qD1	ENSMUST	243537
GO:00058	GO:00053	121315600	chr6	121315541	+	mm	6qF1	ENSMUST	14411
GO:00055	GO:00036	82388501	chr15	82388259	+	mm	15qE1	ENSMUST	380997
GO:00055	GO:00036	24218184	chr5	24218125	-	mm	5qA3	ENSMUST	269633
GO:00055	GO:00045	51875123	chr14	51875064	-	mm	14qC1	ENSMUST	93726
GO:00055	GO:00038	147977914	chr4	147977855	+	mm	4qE2	ENSMUST	17175
GO:00002	GO:00048	105651977	chr12	105651918	+	mm	12qE	ENSMUST	20716
GO:00055	GO:00036	107492338	chr8	107492279	+	mm	8qD3	ENSMUST	72361
GO:00055	GO:00051	42295065	chr8	42285914	-	mm	8qA4		234199
zed protein [Source:		101672138	chr8	101672079	+	mm	8qD1	ENSMUST	000000984
GO:00056	GO:00001	85057652	chr17	85057593	-	mm	17qE4	ENSMUST	27409
GO:00057	GO:00038	134251534	chr7	134251475	-	mm	7qF3	ENSMUST	67375
GO:00056	GO:00036	44909954	chr19	44909895	+	mm	19qC3	ENSMUST	18504
GO:00055	GO:00051	42232176	chr4	42232117	+	mm	4qA5	ENSMUST	18829
GO:0016020(membran		102844382	chr4	102844323	-	mm	4qC6	ENSMUST	242585
P01 Mus musculus cl		67244877	chr6	67244818	+	mm	6qC1		101365
sculus predicted gene		27737398	chr7	27737339	+	mm	7qA3		330491
egion K2 Precursor; Fr		69714576	chr6	69714517	-	mm	6qC1	ENSMUST	000001033
GO:00057	GO:00043	107741825	chr3	107741766	-	mm	3qF2.3	ENSMUST	14867
GO:00055	GO:00055	53996129	chr7	53996070	-	mm	7qB4	ENSMUST	20208
GO:00055	GO:00080	173156379	chr1	173156320	+	mm	1qH3	ENSMUST	11807
GO:00058	GO:00152	78342970	chr18	78342911	-	mm	18qE3	ENSMUST	27411
GO:00056	GO:00001	71291914	chr12	71291855	-	mm	12qC2	ENSMUST	110095
GO:00055	GO:00036	26423916	chr17	26423752	-	mm	17qA3.3		383229
GO:00055	GO:00036	20257086	chr7	20257027	-	mm	7qA3	ENSMUST	11813
GO:00055	GO:00036	131203353	chr4	131203294	-	mm	4qD2.3		100039799
GO:00058	GO:00052	96857408	chr3	96857349	+	mm	3qF2.1	ENSMUST	14613
GO:00057	GO:00001	126413949	chr2	126413890	+	mm	2qF1	ENSMUST	26458
GO:0005634(nucleus)		58886313	chr10	58886254	-	mm	10qB4	ENSMUST	18302
GO:00055	GO:00040	59843944	chr3	59843885	+	mm	3qD	ENSMUST	67758
GO:00055	GO:00051	87393640	chr10	87393581	+	mm	10qC1	ENSMUST	16000
GO:00055	GO:00051	30346426	chr5	30346367	+	mm	5qB1	ENSMUST	16193
GO:00055	GO:00036	136797033	chr6	136796974	-	mm	6qG1	ENSMUST	109978
GO:00055	GO:00036	15050573	chr7	15050514	-	mm	7qA1		638251
GO:00055	GO:00036	177738905	chr1	177738846	+	mm	1qH4	ENSMUST	75820
zed protein [Source:		11451645	chr2	11451586	+	mm	2qA1	ENSMUST	000001004
GO:00055	GO:00037	4040024	chr16	4039965	+	mm	16qA1	ENSMUST	13419
GO:00057	GO:00082	145556862	chr3	145556803	+	mm	3qH2	ENSMUST	69219
GO:00056	GO:00055	8023253	chr12	8023194	+	mm	12qA1	ENSMUST	238055
GO:0005634(nucleus)		104561708	chr7	104561649	-	mm	7qE1	ENSMUST	21835
stal Structure Of Iigp		60381630	chr18	60381571	+	mm	18qD3		
i6(complement activa		34865387	chr17	34865328	-	mm	17qB1	ENSMUST	12268
GO:00057	GO:00052	122602335	chr3	122602276	+	mm	3qG1	ENSMUST	14079
GO:00055	GO:00036	104368763	chrX	104368704	+	mm	XqD	ENSMUST	213438
GO:00056	GO:00003	84230755	chr17	84230696	-	mm	17qE4	ENSMUST	107766
GO:00055	GO:00036	25946691	chr8	25946632	-	mm	8qA2	ENSMUST	353188

sculus predicted gene	135890494	chrX	135890435	+	mm	XqF1		666359
GO:000551	GO:000361	107378164	chr8	107378105	+	mm	8qD3	ENSMUST 234671
GO:0005576	(extracel	35267106	chr17	35267047	-	mm	17qB1	ENSMUST 55938
GO:000574	GO:001674	13118229	chr17	13118170	-	mm	17qA1	ENSMUST 224530
GO:000578	GO:000449	138335471	chr5	138335412	-	mm	5qG2	ENSMUST 13113
GO:000562	GO:000431	142371216	chr6	142371157	-	mm	6qG2	ENSMUST 232493
GO:000551	GO:000382	129578224	chr3	129578165	+	mm	3qG3	ENSMUST 12630
GO:000551	GO:000382	147978515	chr4	147978456	+	mm	4qE2	ENSMUST 17175
		47101919	chr18	47101860	-	mm	18qC	
GO:000562	GO:000382	12849566	chr1	12849507	+	mm	1qA3	ENSMUST 240725
GO:000551	GO:000409	107458567	chr8	107458508	+	mm	8qD3	ENSMUST 234673
GO:000551	GO:000510	42276905	chr8	42276846	-	mm	8qA4	ENSMUST 234199
GO:000551	GO:000382	107987331	chr9	107987272	+	mm	9qF2	ENSMUST 15235
GO:000562	GO:000173	20717823	chr19	20717764	+	mm	19qB	ENSMUST 11668
GO:000551	GO:000361	147870043	chr4	147869984	-	mm	4qE2	ENSMUST 654812
GO:000588	GO:000534	110961164	chr7	110961105	-	mm	7qE3	ENSMUST 15129
GO:001602	GO:000481	37368622	chr17	37368563	-	mm	17qB1	ENSMUST 258505
GO:000562	GO:001678	62966234	chr13	62966175	-	mm	13qB3	ENSMUST 14121
GO:000574	GO:000808	97934219	chrX	97934160	+	mm	XqC3	ENSMUST 71584
GO:000551	GO:000486	105133224	chr12	105133165	-	mm	12qE	ENSMUST 20702
GO:000578	GO:000449	27099939	chr7	27099880	+	mm	7qA3	ENSMUST 13086
GO:000551	GO:000361	121970136	chr8	121970077	+	mm	8qE1	ENSMUST 71839
GO:000588	GO:000382	44233524	chr5	44233465	+	mm	5qB3	ENSMUST 12182
4(oxidation	GO:000449	115111639	chr4	115111580	+	mm	4qD1	ENSMUST 13118
GO:000551	GO:000486	128433690	chr6	128433631	-	mm	6qF3	ENSMUST 11287
GO:000574	GO:000816	55120829	chr6	55120770	-	mm	6qB3	ENSMUST 21743
GO:000551	GO:000361	82219706	chr15	82219647	-	mm	15qE1	ENSMUST 545123
GO:000551	GO:000382	34993858	chr17	34993502	-	mm	17qB1	ENSMUST 14962
GO:000574	GO:000016	101139523	chr4	101139464	+	mm	4qC6	ENSMUST 11639
GO:000574	GO:000481	138028705	chr5	138028646	+	mm	5qG2	ENSMUST 50765
GO:001602	GO:000481	69871314	chr11	69871255	+	mm	11qB3	ENSMUST 11889
GO:000551	GO:000361	141171519	chr4	141171460	+	mm	4qE1	ENSMUST 100165
GO:000551	GO:000521	25354235	chr2	25354176	-	mm	2qA3	ENSMUST 69379
GO:000551	GO:000361	78153258	chr9	78153199	+	mm	9qE1	ENSMUST 100042314
GO:000578	GO:000449	40086526	chr19	40086467	+	mm	19qC3	ENSMUST 13096
GO:000551	GO:000361	106370663	chr10	106370604	-	mm	10qD1	402735
GO:000562	GO:000382	49549467	chr4	49549408	-	mm	4qB1	ENSMUST 230163
GO:000551	GO:000449	82620634	chr15	82620575	-	mm	15qE1	ENSMUST 76279
GO:000574	GO:000484	146294263	chr3	146294204	+	mm	3qH2	ENSMUST 22262
		105056068	chr12	105056009	-	mm	12qE	
GO:000562	GO:000384	113365754	chr12	113365695	+	mm	12qF1	ENSMUST 104816
GO:000578	GO:000449	97456469	chr3	97456410	+	mm	3qF2.2	ENSMUST 14263
homeobox (Dux), mR	57694079	chr10	57694020	-	mm	10qB4		664783
GO:000562	GO:000460	59784219	chr11	59784160	-	mm	11qB1	ENSMUST 18618
GO:000551	GO:000512	92752250	chr5	92752191	-	mm	5qE2	ENSMUST 17329
GO:000588	GO:000522	144460568	chr3	144460509	-	mm	3qH2	ENSMUST 80797
GO:000551	GO:000425	137537500	chr5	137537441	-	mm	5qG2	ENSMUST 18787
GO:000551	GO:000486	22961484	chr16	22961425	+	mm	16qB1	ENSMUST 94175
GO:000551	GO:000156	34548779	chr19	34548720	-	mm	19qC1	ENSMUST 12642
GO:000551	GO:000361	60460035	chr18	60459976	+	mm	18qD3	240328
t minor chain Gene [S	110976438	chr7	110976379	-	mm	7qE3	ENSMUST	00000239
GO:000562	GO:000361	80547139	chr10	80547080	-	mm	10qC1	ENSMUST 208677
GO:000583	GO:000534	32184014	chr11	32183955	+	mm	11qA4	ENSMUST 15122
GO:000562	GO:000016	172984366	chr2	172984307	+	mm	2qH3	ENSMUST 18534
6(blood co	GO:000486	17343603	chr16	17343544	+	mm	16qA3	ENSMUST 15160
GO:000551	GO:000202	71632175	chr1	71632116	-	mm	1qC3	ENSMUST 14268
GO:000551	GO:000361	72338337	chr15	72338278	-	mm	15qD3	402733
GO:000562	GO:000811	48400427	chr9	48400368	-	mm	9qA5.3	ENSMUST 18113
GO:000574	GO:000514	28627075	chr3	28627016	+	mm	3qA3	ENSMUST 20526

GO:000573	GO:000414	135349219	chr7	135349160	-	mm	7qF3	ENSMUST	12862
rich protein 2 (Prp2),	132550516	chr6	132550457	+	mm	6qG1	ENSMUST	83380	
GO:000573	GO:000361	90749917	chr16	90749858	+	mm	16qC3	ENSMUST	77037
GO:000588	GO:004670	22093744	chr10	22093685	+	mm	10qA3	ENSMUST	19369
GO:000551	GO:000361	107378317	chr8	107378258	+	mm	8qD3		234671
GO:000588	GO:000481	150257456	chr7	150257434	-	mm	7qF5	ENSMUST	56843
GO:000573	GO:000016	126806028	chr7	126805969	+	mm	7qF2	ENSMUST	117147
chain (J558 family) C	116699393	chr12	116699334	-	mm	12qF2	ENSMUST	000001035	
GO:000551	GO:000361	148819961	chr7	148819902	-	mm	7qF5	ENSMUST	353328
GO:000551	GO:004339	115243624	chr13	115243565	-	mm	13qD2	ENSMUST	14313
GO:000551	GO:000361	77356402	chr15	77356343	-	mm	15qE1	ENSMUST	108956
sculus similar to [Hum	69714551	chr6	69714492	-	mm	6qC1			100046973
GO:000562	GO:000382	43537254	chr2	43537195	+	mm	2qB	ENSMUST	70789
GO:000578	GO:000449	146673925	chr5	146672058	-	mm	5qG2	ENSMUST	13112
		107199491	chr8	107199432	-	mm	8qD3		
GO:000562	GO:000521	36750662	chr16	36750603	-	mm	16qB3	ENSMUST	57738
GO:000573	GO:000382	13136541	chr17	13136482	-	mm	17qA1	ENSMUST	110460
GO:000588	GO:000521	72342820	chr15	72342761	-	mm	15qD3	ENSMUST	223604
GO:000573	GO:000512	96674345	chr3	96674286	+	mm	3qF2.1	ENSMUST	59020
GO:000551	GO:000361	44680958	chr14	44680899	+	mm	14qC1		503845
GO:000551	GO:000361	115251612	chr4	115251553	+	mm	4qD1	ENSMUST	666168
GO:000588	GO:000532	110962106	chr7	110962047	-	mm	7qE3		15130
GO:000578	GO:000016	13573760	chr7	13573701	-	mm	7qA1	ENSMUST	26459
male liver tumor cDNA	46352115	chr8	46352056	-	mm	8qB1.1			102293
GO:000551	GO:000361	106420569	chr4	106420510	+	mm	4qC7	ENSMUST	230579
GO:000573	GO:000811	77694332	chr11	77694273	-	mm	11qB5	ENSMUST	19193
GO:000573	GO:000551	89455923	chr7	89455864	+	mm	7qD3	ENSMUST	20408
GO:000573	GO:000521	130611512	chr7	130611453	+	mm	7qF3	ENSMUST	11833
GO:000578	GO:000449	115206259	chr4	115206200	+	mm	4qD1		13117
GO:000551	GO:000486	10019537	chr2	10018826	-	mm	2qA1	ENSMUST	16425
GO:000551	GO:000361	96851999	chr8	96851940	+	mm	8qC5		97455
GO:000551	GO:000361	51721911	chr7	51721852	+	mm	7qB4	ENSMUST	68352
GO:000562	GO:000382	106261640	chr4	106261581	+	mm	4qC7	ENSMUST	74754
GO:000551	GO:000361	3716241	chr8	3716182	-	mm	8qA1.	ENSMUST	75863
GO:000551	GO:000361	148040233	chr5	148040174	-	mm	5qG3		70147
GO:000588	GO:000532	121287656	chr6	121287597	+	mm	6qF1	ENSMUST	14412
GO:000588	GO:000520	76542136	chr2	76542077	-	mm	2qC3	ENSMUST	22138
GO:000551	GO:000361	68054137	chr13	68054078	+	mm	13qB3		666185
GO:000551	GO:000361	127707032	chr10	127706973	+	mm	10qD3	ENSMUST	103161
GO:000551	GO:000486	105480104	chr12	105480045	+	mm	12qE	ENSMUST	20715
GO:001602	GO:000361	35372413	chr18	35372354	-	mm	18qB1	ENSMUST	107065
GO:000562	GO:000486	31629642	chr5	31629583	+	mm	5qB1	ENSMUST	231103
male tongue cDNA, RIF	137772104	chr4	137772045	+	mm	4qD3	ENSMUST	000001058	
GO:000551	GO:000361	68054129	chr13	68054070	+	mm	13qB3		666185
GO:000578	GO:000382	66605889	chr14	66605830	-	mm	14qD1	ENSMUST	268756
GO:000551	GO:000361	92058476	chr3	92058417	+	mm	3qF1	ENSMUST	100303744
9(cell fate	GO:004681	84522011	chr6	84521952	-	mm	6qC3	ENSMUST	232174
sculus similar to Endo	137540462	chr4	137540403	+	mm	4qD3			100047148
GO:000551	GO:000512	42250164	chr4	42250105	+	mm	4qA5	ENSMUST	24047
GO:000551	GO:000361	60938942	chr6	60938883	+	mm	6qB3	ENSMUST	70945
GO:000562	GO:000521	57508098	chr10	57508039	+	mm	10qB4	ENSMUST	12140
GO:000551	GO:000486	22899474	chr16	22899415	+	mm	16qB1	ENSMUST	11625
GO:0016020(membran	35611508	chr17	35611449	+	mm	17qB1	ENSMUST	15007	
urinary protein 2 (Mup	60149800	chr4	60149741	-	mm	4qB3	ENSMUST	17841	
GO:000551	GO:000481	26701557	chr16	26701498	+	mm	16qB2		16180
GO:000551	GO:000361	46853418	chrX	46853359	+	mm	XqA5	ENSMUST	75404
GO:000551	GO:000382	107987321	chr9	107987262	+	mm	9qF2	ENSMUST	15235
GO:000573	GO:000841	25281861	chr2	25281802	+	mm	2qA3	ENSMUST	14347
GO:000562	GO:000382	138093775	chr3	138093716	+	mm	3qG3	ENSMUST	26876

GO:00055	GO:00051	83388282	chr11	83388223	-	mm	11qC	ENSMUST	20308
GO:00055	GO:00036	90982549	chr5	90982490	+	mm	5qE1	ENSMUST	280662
GO:00055	GO:00036	105632169	chr12	105632110	+	mm	12qE	ENSMUST	20717
GO:00055	GO:00038	91465569	chr2	91465510	-	mm	2qE1	ENSMUST	14061
GO:00080	GO:00052	106909759	chr3	106909700	+	mm	3qF2.3	ENSMUST	16490
GO:00055	GO:00001	91441634	chrX	91436226	-	mm	XqC3	ENSMUST	26905
GO:00055	GO:00036	43915153	chr19	43915094	+	mm	19qC3		100038628
GO:00055	GO:00055	132532783	chr1	132532724	-	mm	1qE4	ENSMUST	12269
GO:00055	GO:00048	105185231	chr12	105185172	-	mm	12qE	ENSMUST	20704
GO:00055	GO:00036	88329223	chr12	88329164	-	mm	12qD2	ENSMUST	238331
GO:00055	GO:00036	70334214	chr11	70334155	+	mm	11qB3	ENSMUST	216871
GO:00057	GO:00044	39465474	chr19	39465415	-	mm	19qC3	ENSMUST	13097
GO:00055	GO:00051	87393620	chr10	87393561	+	mm	10qC1	ENSMUST	16000
GO:00058	GO:00042	89044292	chr1	89044233	-	mm	1qD	ENSMUST	13599
GO:00055	GO:00036	130338576	chr3	130338517	+	mm	3qG3	ENSMUST	71760
GO:00160	GO:00048	69919627	chr11	69919568	+	mm	11qB3	ENSMUST	11890
GO:00058	lipid part	56251084	chr17	56251025	-	mm	17qD	ENSMUST	66968
GO:00055	GO:00051	29172989	chr10	29172930	-	mm	10qA4	ENSMUST	72780
enin, ribonu	GO:00036	51815374	chr14	51815315	-	mm	14qC1	ENSMUST	11731
in D (Ubd), mRNA [N	GO:00036	37332747	chr17	37332688	+	mm	17qB1	ENSMUST	24108
GO:00057	GO:00052	137748288	chr1	137747976	+	mm	1qE4	ENSMUST	21956
GO:00055	GO:00036	68502013	chr18	68501954	+	mm	18qE2		399638
GO:00056	GO:00038	122091072	chr2	122091013	+	mm	2qE5	ENSMUST	20322
GO:00056	GO:00015	32197304	chr11	32197245	+	mm	11qA4		110257
GO:00057	GO:00040	20767612	chr19	20767553	-	mm	19qB	ENSMUST	26358
GO:00055	GO:00200	112740363	chr7	112740304	-	mm	7qE3	ENSMUST	15458
GO:00055	GO:00036	39683488	chr19	39683429	-	mm	19qC3	ENSMUST	545288
GO:00055	GO:00051	81860715	chr11	81860656	+	mm	11qC	ENSMUST	20306
GO:00055	GO:00038	13055833	chr8	13055774	+	mm	8qA1.1	ENSMUST	14058
GO:00055	GO:00051	42285908	chr8	42285849	-	mm	8qA4	ENSMUST	234199
GO:00057	GO:00036	31296236	chr7	31296177	+	mm	7qB1	ENSMUST	56189
GO:00160	20(membran	122624241	chr4	122624182	-	mm	4qD2.2	ENSMUST	76574
GO:00055	GO:00036	44681178	chr14	44681119	+	mm	14qC1	ENSMUST	13587
ed gene 15698 (Gm1	GO:00036	88826082	chr11	88826023	-	mm	11qC	ENSMUST	217066
GO:00055	GO:00081	103111266	chr9	103111207	-	mm	9qF1	ENSMUST	22041
GO:00056	GO:00043	78090470	chr9	78090411	+	mm	9qE1	ENSMUST	14857
GO:00055	GO:00081	103112885	chr9	103112826	-	mm	9qF1	ENSMUST	22041
GO:00055	GO:00044	32840147	chr17	32840088	+	mm	17qB1	ENSMUST	106648
GO:00056	GO:00036	118227795	chr8	118227736	-	mm	8qE1	ENSMUST	17132
GO:00056	GO:00055	20138991	chrX	20138932	+	mm	XqA1.1	ENSMUST	19733
GO:00055	GO:00019	93521624	chr13	93521565	-	mm	13qC3	ENSMUST	21828
GO:00055	GO:00036	87078879	chr9	87078820	+	mm	9qE3.1	ENSMUST	244958
GO:00055	GO:00048	105005668	chr12	105004164	-	mm	12qE	ENSMUST	20703
GO:00056	GO:00055	48358727	chr13	48358668	+	mm	13qA5	ENSMUST	15904
GO:00056	GO:00036	67485826	chr5	67485767	-	mm	5qC3.1	ENSMUST	18935
GO:00055	GO:00051	162015244	chr1	162015185	-	mm	1qH2.1	ENSMUST	329278
GO:00057	GO:00038	101239006	chr11	101238947	+	mm	11qD	ENSMUST	14377
GO:00057	GO:00055	31715029	chr14	31714970	+	mm	14qB	ENSMUST	16427
GO:00055	GO:00036	79295347	chr11	79295288	-	mm	11qB5		104522
ged immunoglobulin li	GO:00036	68686370	chr6	68686311	-	mm	6qC1	ENSMUST	00001033
GO:00056	GO:00036	71154965	chr6	71154906	+	mm	6qC1	ENSMUST	14080
GO:00058	GO:00038	44234550	chr5	44234491	+	mm	5qB3	ENSMUST	12182
GO:00056	GO:00043	138105003	chr6	138104944	+	mm	6qG1	ENSMUST	56615

Genbank Accession	GeneName	Genomic Coordinates	RefSeqAccession	TIGRID	UniGeneID
XM_001474	similar to	chr13:1138	XM_001474	162	
NM_02312	kininogen	chr16:2308	NM_02312	TC157453	Mm.2160
NM_00108	MOCO sul	chr1:1866	NM_00108	TC159871	Mm.272457
NM_00912	stearoyl-C	chr19:4446	NM_00912	TC176595	Mm.267377
NM_02926	secreted p	chr1:9032	NM_02926	TC158074	Mm.173058
AK138480		chr9:14523423-14523482			Mm.411788
NM_01347	apolipopro	chr1:17315	NM_01347	TC157196	Mm.389209
NM_00977	compleme	chr17:5734	NM_00977	TC157345	Mm.19131
NM_14452	SEC14-lik	chr11:3997	NM_14452	TC158068	Mm.253922
NM_00112	predicted	chr9:78153	NM_00112	2660	Mm.197422
NM_03200	neuregulin	chr9:55068	NM_03200	TC166480	Mm.443874
NM_18184	fibrinogen	chr3:82846	NM_18184	TC157195	Mm.30063
NM_01133	chemokine	chr4:41775	NM_01133	TC158000	Mm.407493
NM_02128	cytochrom	chr7:14796	NM_02128	TC171572	Mm.479137
NM_00840	inter-alpha	chr14:3174	NM_00840		Mm.3227
NM_00116	serine (or	chr12:1054	NM_00116	TC158903	Mm.312628
NM_17277	monoamin	chrX:1628	NM_17277	TC157765	Mm.241656
NM_00818	glutathione	chr9:78178	NM_00818	TC170911	Mm.422778
NM_17307	small proli	chr3:92304	NM_17307	TC172018	Mm.246590
NM_01879	ATP-bindin	chr7:5323	NM_01879	TC158715	Mm.63514
NM_19817	cDNA seq	chr8:10736	NM_19817	TC158943	Mm.443387
NM_00969	apolipopro	chr9:4603	NM_00969	TC168296	Mm.26743
NM_17539	RIKEN cD	chr3:10552	NM_17539	TC157904	Mm.212591
NM_00103	WD repeat	chr9:74130	NM_00103	TC164435	Mm.335289
NM_20721	UDP glyco	chr15:9244	NM_20721	TC158131	Mm.422853
NM_01975	dermatopo	chr1:16675	NM_01975	TC158097	Mm.28935
NM_00116	expressed	chrX:56584	NM_00116	TC157194	Mm.199793
NM_02699	dimethylar	chr3:1455	NM_02699	TC157908	Mm.234247
NM_01874	inter alpha	chr14:3171	NM_01874	TC176498	Mm.34819
NM_01359	mucosal v	chr10:7912	NM_01359	TC158789	Mm.391556
		chr5:087805246-087805187			
NM_01047	heat shock	chr17:3510	NM_01047	TC175319	Mm.6388
AK016494	RIKEN cD	chr7:135345676-135345617			Mm.441564
NM_02635	RIKEN cD	chr3:51192	NM_02635	TC157875	Mm.273339
NM_13366	esterase 2	chr8:95725	NM_13366	TC158329	Mm.63490
NM_00893	protease, s	chr3:12320	NM_00893	TC158349	Mm.9431
NM_17287	arginine de	chr4:12862	NM_17287	TC162437	Mm.215814
NM_01347	alpha-2-gl	chr5:13843	NM_01347	TC157782	Mm.30061
NM_17544	ethanolam	chr1:13527	NM_17544	TC161838	Mm.52111
NM_00116	apolipopro	chr15:7756	NM_00116	8660	Mm.422856
NM_00969	CD5 antig	chr3:87174	NM_00969	TC158087	Mm.6676
NM_00813	glycosylat	chr15:1033	NM_00813	TC161559	Mm.219621
NM_01037	granzyme	chr13:1138	NM_01037	NP057361	Mm.15510
NM_13868	R-spondin	chr4:12468	NM_13868	TC158811	Mm.42202
NM_01114	peroxisom	chr15:8563	NM_01114	TC169806	Mm.212789
NM_01363	protamine	chr16:1079	NM_01363	TC157262	Mm.42733
NM_00924	serine (or	chr12:105	NM_00924	TC163696	Mm.312593
NM_01060	potassium	chr11:6088	NM_01060	TC158728	Mm.4970
NM_00116	flavin cont	chr3:97459	NM_00116	TC167539	Mm.385180
XM_001480	predicted	chr6:12173	XM_001480	274	
NM_05311	acyl-Coen	chr14:9058	NM_05311	TC158117	Mm.28700

NM_00947	urate oxid	chr3:14629	NM_00947	TC157675	Mm.10865
NM_00924	serine (or	chr12:1050	NM_00924	TC165083	Mm.439695
NM_00116	brachyury	chr17:8615	NM_00116	TC159445	Mm.311080
AK143258	DNA segment, Chr 13, ERATO			TC158603	Mm.475152
NM_00103	RIKEN cD	chr9:36443	NM_00103	TC157699	Mm.118804
NM_17290	CD163 mo	chr7:1474	NM_17290	TC161844	Mm.19283
NM_01381	bromodom	chr12:5599	NM_01381	TC164064	Mm.479583
NM_00965	albumin	chr5:9090	NM_00965	TC174779	Mm.16773
NM_01687	WNT1 indu	chr2:16363	NM_01687	TC158415	Mm.13828
NM_08084	serine (or	chr1:16293	NM_08084	TC157430	Mm.260770
NM_00940	peptidogly	chr7:19473	NM_00940	TC170109	Mm.21855
NM_01032	glycine N-	chr17:4686	NM_01032	TC165770	Mm.29395
XM_001471	hypothetic	chr2:16439	XM_001471	5180	
NM_02362	cytochrom	chr15:8259	NM_02362	NP749342	Mm.443024
NM_00969	apolipopro	chr12:8012	NM_009693		Mm.221239
NM_00794	epoxide hy	chr14:6670	NM_00794	TC157576	Mm.15295
NM_00913	chemokine	chr11:8340	NM_00913	TC157645	Mm.137
		chr4:111479067-1114		TC1619184	
NM_14549	cytochrom	chr19:4022	NM_14549	TC157676	Mm.29119
NM_00761	serine (or	chr12:1048	NM_00761	TC157527	Mm.290079
NM_02740	aldehyde d	chr6:90549	NM_02740	TC157570	Mm.30035
NM_01359	mucosal v	chr10:7913	NM_01359	TC158789	Mm.391556
NM_03061	aldo-keto	chr13:4456	NM_03061	TC157654	Mm.196666
NM_02311	apolipopro	chr9:4604	NM_02311	TC157703	Mm.390161
NM_02050	resistin lik	chr16:4884	NM_02050	TC158329	Mm.441868
NM_01182	gremlin 1	chr2:11358	NM_01182	TC158508	Mm.474483
NM_00108	MOCO sul	chr1:1866	NM_00108	TC171689	Mm.272457
NM_13905	nuclear re	chr2:38548	NM_139051		Mm.31387
NM_02790	transmem	chr15:7827	NM_02790	TC157996	Mm.34056
NM_00738	apolipopro	chr7:20263	NM_00738	TC158099	Mm.477720
NM_00916	SH3-doma	chr15:7873	NM_00916	TC158179	Mm.4462
NM_01199	carbohydr	chr8:11255	NM_01199	TC158748	Mm.89207
NM_01040	hemolytic	chr2:34838	NM_01040	TC158485	Mm.2168
NM_00965	aminolevul	chrX:14700	NM_00965	TC157613	Mm.302724
NM_00746	apolipopro	chr7:20274	NM_00746	NP427069	Mm.182440
NM_02311	aspartoacy	chr11:7311	NM_02311	TC158170	Mm.293574
NM_15352	neuritin 1	chr13:3681	NM_15352	TC157767	Mm.232930
NM_01969	carboxype	chr2:13021	NM_01969	TC157979	Mm.112701
NM_01188	chemokine	chr4:42248	NM_01188	TC158411	Mm.459263
NM_00840	inter-alpha	chr14:3172	NM_00840	TC157971	Mm.4517
NM_01737	haptoglobi	chr8:11209	NM_01737	TC176307	Mm.26730
BC108385		chr6:70622214-70622		NP059707	Mm.333124
NM_02147	ADAM-like	chr14:6918	NM_02147	TC158234	Mm.36742
AK162965	RIKEN cD	chr11:59011363-59011304			Mm.339566
NM_03303	cysteine d	chr18:4687	NM_03303	TC157205	Mm.241056
NM_00103	predicted	chr18:6040	NM_00103	TC158771	Mm.357104
NM_00924	serine (or	chr12:1050	NM_00924	TC176232	Mm.439692
AK139634		chr8:101672030-101672089			Mm.220765
NM_00101	expressed	chr12:1100	NM_00101	NP712326	Mm.202653
NM_19866	proline-ric	chr6:13215	NM_19866	NP139191	Mm.7982
NM_00111	keratin ass	chr16:8957	NM_00111	TC167159	Mm.310906
NM_00924	serine (or	chr12:1050	NM_00924	TC168219	Mm.439692
NM_00825	3-hydroxy	chr3:98114	NM_00825	NP358738	Mm.289131
NM_00920	solute car	chr17:1284	NM_00920	TC157773	Mm.594
NM_00887	serine (or	chr11:7524	NM_00887	TC157489	Mm.279733
NM_00102	proline-ric	chr6:13226	NM_00102	NP139191	Mm.441627
NM_00115	retinol deh	chr10:1273	NM_00115	TC157696	Mm.6696
NM_00103	cyclin-dep	chr1:59387	NM_00103	TC165927	Mm.297713
NM_01035	glutathione	chr3:10776	NM_01035	TC158706	Mm.440885

NM_18327	RIKEN cD	chr14:3516	NM_18327	TC158298	Mm.27156
NM_14557	family with	chr6:82042	NM_14557	TC158113	Mm.205854
NM_02894	coiled-coil	chr18:745	NM_02894	TC170008	Mm.182293
AK005011	protein Z,	chr8:13075883-13075		TC160182	Mm.441140
NM_01994	microsoma	chr6:13810	NM_01994	TC167610	Mm.14796
NM_01197	vanin 3	chr10:2358	NM_01197	TC158804	Mm.27334
NM_19819	retinoic ac	chr10:2190	NM_19819	TC159009	Mm.440891
NM_02151	PDZ doma	chr3:96674	NM_02151	TC174287	Mm.28015
NM_00116	serine (or	chr12:1054	NM_00116	TC158988	Mm.312628
XM_90095	predicted	chr14:5476	XM_90095		Mm.303179
NM_14484	UDP glyco	chr15:9300	NM_14484	TC157622	Mm.422853
XM_00147	similar to	chr6:70653	XM_00147	TC170073	Mm.466597
NM_13380	kynurenine	chr1:17759	NM_13380	TC158209	Mm.27217
NM_14494	urocanase	chr6:90314	NM_14494	TC158521	Mm.335669
NM_13366	solute car	chr6:12131	NM_13366	TC158507	Mm.274506
NM_20136	cytochrom	chr15:8238	NM_20136	TC158585	Mm.226708
NM_00108	WD repeat	chr5:24218	NM_00108	TC160463	Mm.392539
NM_05311	eosinophil	chr14:5187	NM_05311	TC158957	Mm.153688
NM_01076	mannan-b	chr4:14797	NM_01076	TC159050	Mm.378962
NM_00925	serine (or	chr12:1056	NM_00925	TC158066	Mm.291569
NM_19799	RIKEN cD	chr8:10749	NM_19799	TC158193	Mm.26580
BC029734	fibrinogen	chr8:42295065-42285914			Mm.277955
AK165079		chr8:101672079-101672138			Mm.220765
NM_03188	ATP-bindi	chr17:8505	NM_03188	TC158444	Mm.289590
NM_13368	quinolate	chr7:13425	NM_13368	TC158247	Mm.26928
NM_01103	paired box	chr19:4490	NM_01103	TC172661	Mm.445309
NM_01112	chemokine	chr4:42232	NM_01112	TC158000	Mm.458815
NM_17773	solute car	chr4:10284	NM_17773	TC158356	Mm.281800
DV072245	expressed	chr6:67244818-67244877			Mm.442234
XM_28619	cytochrom	chr7:27737	XM_28619		
XM_001477170		chr6:69714	XM_00147	NP049111	Mm.304150
NM_00818	glutathione	chr3:10774	NM_00818	TC158042	Mm.458154
NM_00911	serum amy	chr7:53996	NM_00911	TC158299	Mm.148800
NM_01347	apolipopro	chr1:17315	NM_01347	TC176735	Mm.389209
NM_20765	solute car	chr18:7834	NM_20765	TC158706	Mm.44158
NM_13319	liver glyco	chr12:7129	NM_13319	TC157707	Mm.256926
XM_35693	predicted	chr17:2642	XM_35693		Mm.440059
NM_00969	apolipopro	chr7:20257	NM_00969	TC159613	Mm.28394
XM_00147	predicted	chr4:13120	XM_00147	TC163096	Mm.354822
NM_00812	gap junctid	chr3:96857	NM_00812	TC158741	Mm.281816
NM_01197	solute car	chr2:12641	NM_01197	TC157282	Mm.290044
NM_01095	oncoprote	chr10:5888	NM_01095	TC158471	Mm.123013
NM_02338	arylacetam	chr3:59843	NM_02338	TC157879	Mm.24547
NM_01051	insulin-like	chr10:8739	NM_01051	TC158049	Mm.268521
NM_03116	interleukin	chr5:30346	NM_03116	TC158658	Mm.1019
NM_02663	ADP-ribos	chr6:13679	NM_02663	TC158274	Mm.31840
XM_00147	predicted	chr7:15050	XM_001477336		
NM_02945	WD repeat	chr1:17773	NM_029453		Mm.50361
AK153745		chr2:11451586-11451	TC169457		Mm.442139
NM_01006	deoxyribor	chr16:4039	NM_01006	TC176974	Mm.440565
NM_02699	dimethylar	chr3:14555	NM_02699	TC165577	Mm.234247
NM_00969	apolipopro	chr12:8023	NM_00969	TC161281	Mm.221239
NM_00938	thyroid ho	chr7:10456	NM_00938	TC157444	Mm.28585
		chr18:60381571-6038	TC1703733		
NM_00978	compleme	chr17:3486	NM_00978	NP122037	Mm.439678
NM_00798	fatty acid	chr3:12260	NM_00798	TC157819	Mm.28398
NM_00112	RIKEN cD	chrX:1043	NM_001122596		Mm.265244
NM_02532	3-hydroxy	chr17:8423	NM_02532	TC157838	Mm.30100
NM_15339	a disinteg	chr8:25946	NM_15339	TC158597	Mm.269223

XR_001862	predicted	chrX:135890435-135890494			Mm.426164
NM_14560	carboxyles	chr8:10737	NM_14560	TC161635	Mm.28191
NM_01881	apolipopro	chr17:3526	NM_01881	TC157990	Mm.2161
NM_15315	acetyl-Co	chr17:131	NM_15315	TC170315	Mm.229342
NM_00781	cytochrom	chr5:13833	NM_00781	TC158503	Mm.289886
NM_14557	glycogen s	chr6:14237	NM_14557	TC158426	Mm.275975
NM_00768	compleme	chr3:12957	NM_00768	TC157998	Mm.117180
NM_01076	mannan-b	chr4:14797	NM_01076	TC159050	Mm.378962
		chr18:047101919-047101860			
NM_17229	sulfatase	chr1:12849	NM_17229	TC157699	Mm.45563
NM_17275	carboxyles	chr8:10743	NM_17275	TC158322	Mm.441134
NM_14559	fibrinogen	chr8:42276	NM_14559	TC158127	Mm.277955
NM_00824	macrophag	chr9:10798	NM_00824	TC158333	Mm.8369
NM_01346	aldehyde d	chr19:2071	NM_01346	TC171979	Mm.250866
NM_00103	angiopoiet	chr4:14787	NM_00103	TC173417	Mm.388929
NM_00822	hemoglobin	chr7:11096	NM_00822	TC165646	Mm.288567
NM_14651	olfactory r	chr17:3736	NM_146512		Mm.353371
NM_01939	fructose b	chr13:6296	NM_01939	TC157243	Mm.423078
NM_02360	glycerophd	chrX:9793	NM_02360	TC160220	Mm.283495
NM_00924	serine (or	chr12:1051	NM_00924	TC157363	Mm.439694
NM_00999	cytochrom	chr7:27099	NM_00999	TC157527	Mm.154643
NM_02795	oxidative s	chr8:12197	NM_02795	TC163648	Mm.272357
NM_00976	bone marr	chr5:44233	NM_00976	TC158244	Mm.246332
NM_17230	cytochrom	chr4:11511	NM_172306		Mm.448292
NM_00737	pregnancy	chr6:12843	NM_00737	TC157446	Mm.260144
NM_00934	indolethylz	chr6:55120	NM_00934	TC157617	Mm.299
NM_00110	cytochrom	chr15:822	NM_001104531		Mm.174372
NM_00819	compleme	chr17:3499	NM_00819	TC157266	Mm.653
NM_00117	adenylate	chr4:10113	NM_00117	TC167715	Mm.42040
NM_01579	transferrin	chr5:13802	NM_015799		Mm.21757
NM_00971	asialoglyc	chr11:6987	NM_00971	NP050971	Mm.6559
NR_033566	expressed	chr4:14117	NR_033566		Mm.439819
NM_02706	compleme	chr2:25354	NM_02706	NP358055	Mm.24596
NM_00112	predicted	chr9:78153	NM_00112	TC170911	Mm.197422
NM_01000	cytochrom	chr19:4008	NM_010001		Mm.38963
AK045415	RIKEN cD	chr10:106370663-106370663		TC160283	Mm.38066
NM_14490	aldolase B	chr4:49549	NM_14490	TC175630	Mm.479534
NM_02956	cytochrom	chr15:8262	NM_02956	TC177180	Mm.439931
NM_00947	urate oxid	chr3:14629	NM_00947	TC157675	Mm.10865
		chr12:105056068-105056009			
NM_00108	asparagina	chr12:1133	NM_00108	TC160227	Mm.77133
NM_00116	flavin cont	chr3:97456	NM_00116	TC157939	Mm.385180
NM_00108	double hor	chr10:5769	NM_001081954		Mm.379673
NM_00881	phosphatic	chr11:5978	NM_00881	TC157910	Mm.2731
NM_00859	chemokine	chr5:92752	NM_00859	TC157695	Mm.766
NM_03060	chloride cl	chr3:14446	NM_03060	TC166667	Mm.20897
NM_00887	serine (or	chr5:13753	NM_00887	NP822114	Mm.250422
NM_05317	histidine-r	chr16:2296	NM_05317	TC157774	Mm.358794
NM_00989	cholesterd	chr19:3454	NM_00989	TC157922	Mm.30824
NM_00110	RIKEN cD	chr18:6045	NM_001101475		Mm.329461
S71555		chr7:110976438-110976438		TC176715	Mm.288567
NM_14536	cAMP res	chr10:8054	NM_14536	TC157992	Mm.294693
NM_00821	hemoglobin	chr11:3218	NM_00821	TC170711	Mm.196110
NM_01104	phosphoer	chr2:17298	NM_01104	NP569055	Mm.266867
NM_00822	serine (or	chr16:1734	NM_00822	TC158011	Mm.6609
NM_01023	fibronectin	chr1:71632	NM_01023	TC157361	Mm.193099
AK044369	RIKEN cD	chr15:72338337-72338337		TC175904	Mm.397917
NM_01092	nicotinami	chr9:48400	NM_01092	TC159561	Mm.458542
NM_03119	solute car	chr3:28627	NM_03119	TC158002	Mm.18443

NM_00994	cytochrom	chr7:13534	NM_00994	TC157577	Mm.43824
NM_03149	proline ric	chr6:13255	NM_03149	NP057449	Mm.425348
NM_02984	melanocor	chr16:9074	NM_02984	TC158220	Mm.22455
NM_00901	retinoic ac	chr10:2209	NM_00901	TC159009	Mm.458004
NM_14560	carboxyles	chr8:10737	NM_14560	TC161635	Mm.28191
NM_02027	transient r	chr7:15025	NM_02027	NP803518	Mm.286668
NM_05409	acyl-CoA	chr7:12680	NM_054094		Mm.479600
AY114394		chr12:116699393-116	NP164116		Mm.304472
BC120907	mucin 6, g	chr7:148819961-1488	TC159118		Mm.246621
NM_00804	follistatin	chr13:1152	NM_00804	TC172761	Mm.4913
NM_17539	apolipopro	chr15:7735	NM_17539	TC158047	Mm.86391
XM_001471	similar to	chr6:69714	XM_001477170		
NM_02755	kynurenina	chr2:43537	NM_02755	TC158553	Mm.105278
NM_00781	cytochrom	chr5:14667	NM_00781	TC166508	Mm.332844
		chr8:107199491-107199432			
NM_02130	solute car	chr16:3675	NM_02130	TC158086	Mm.281804
NM_00933	acetyl-Co	chr17:1313	NM_00933	TC158818	Mm.439711
NM_00103	potassium	chr15:7234	NM_00103	NP148060	Mm.386856
NM_02151	PDZ doma	chr3:96674	NM_02151	TC175828	Mm.28015
NM_00101	eosinophil	chr14:0446	NM_001012766		Mm.327386
NM_20164	cytochrom	chr4:11525	NM_20164	TC164315	Mm.10742
NM_01695	hemoglobin	chr7:11096	NM_01695	TC159463	Mm.288567
NM_00951	solute car	chr7:13573	NM_00951	TC167758	Mm.10984
AK050111	expressed	chr8:46352115-46352	TC160675		Mm.36341
NM_14614	family with	chr4:10642	NM_14614	TC158008	Mm.476048
NM_00895	pipecolic a	chr11:7769	NM_00895	TC157881	Mm.8543
NM_01740	SH3-doma	chr7:89455	NM_01740	TC159525	Mm.736
NM_00747	aquaporin	chr7:13061	NM_007474		Mm.273175
NM_01001	cytochrom	chr4:11520	NM_010011		Mm.10742
NM_01058	inter-alpha	chr2:10019	NM_01058	TC157836	Mm.182043
BC094434	expressed	chr8:96851940-96851999			Mm.136496
NM_02669	aspartate	chr7:5172	NM_02669	TC173633	Mm.88478
NM_05327	24-dehydr	chr4:10626	NM_05327	TC157656	Mm.133370
NM_02946	C-type lec	chr8:37162	NM_02946	TC158776	Mm.390017
AK008755	RIKEN cD	chr5:148040233-1480	TC159957		Mm.17618
NM_14451	solute car	chr6:12128	NM_14451	TC158012	Mm.258596
NM_01165	titin	chr2:76542	NM_01165	TC157967	Mm.373672
XM_001471	predicted	chr13:6805	XM_001471	TC162499	Mm.425830
NM_13399	apolipopro	chr10:1277	NM_13399	TC157925	Mm.26513
NM_00925	serine (or	chr12:1054	NM_00925	TC164823	Mm.312628
NM_17800	leucine ric	chr18:3537	NM_17800	TC158121	Mm.39900
NM_14490	glucokinas	chr5:31629	NM_14490	TC161025	Mm.100043
AK009512		chr4:137772045-1377	TC166071		Mm.417833
XM_001471	predicted	chr13:6805	XM_001471	TC162499	Mm.425830
NM_17874	gulonolact	chr14:6660	NM_17874	TC157826	Mm.26207
NM_00116	small proli	chr3:92058	NM_00116	TC173405	Mm.429851
NM_17547	cytochrom	chr6:84522	NM_17547	TC158386	Mm.255246
XM_001471	similar to	chr4:13754	XM_001477515		
NM_01188	chemokine	chr4:42250	NM_01188	TC165321	Mm.459263
NM_02761	multimerin	chr6:60938	NM_02761	TC159713	Mm.478501
NM_02127	fatty acid	chr10:5750	NM_02127	TC157908	Mm.3644
NM_01346	alpha-2-H	chr16:2289	NM_01346	TC157379	Mm.197554
NM_01039	histocomp	chr17:3561	NM_010391		Mm.88795
NM_00104	major urin	chr4:60149	NM_00104	TC159193	Mm.458381
NM_13410	interleukin	chr16:2670	NM_13410	TC158923	Mm.253424
NM_00108	Rho GTPa	chrX:4685	NM_00108	TC160496	Mm.44305
NM_00824	macrophag	chr9:10798	NM_00824	TC158333	Mm.8369
NM_01352	fucosyltra	chr2:2528	NM_01352	TC158676	Mm.1203
NM_01199	alcohol de	chr3:13809	NM_011996		Mm.158750

NM_01133	chemokine	chr11:8338	NM_01133	TC157568	Mm.416125
NM_14514	afamin	chr5:90982	NM_14514	TC157967	Mm.348786
NM_00925	serine (or	chr12:1050	NM_00925	TC158354	Mm.291569
NM_01016	coagulatio	chr2:91465	NM_01016	TC157755	Mm.89048
NM_00841	potassium	chr3:10690	NM_00841	TC158811	Mm.56930
NM_01201	eukaryotic	chrX:9144	NM_01201	TC167297	Mm.218851
NR_033472	predicted	chr19:4391	NR_033472	TC168149	Mm.212585
NM_00757	compleme	chr1:13253	NM_00757	TC158138	Mm.306720
NM_00924	serine (or	chr12:1051	NM_00924	TC163696	Mm.312593
NM_00108	zinc finger	chr12:8832	NM_00108	0943	Mm.185890
NM_14602	glycolipid	chr11:7033	NM_14602	TC158419	Mm.22551
NM_01000	cytochrom	chr19:3946	NM_01000	TC159060	Mm.42100
NM_01051	insulin-like	chr10:8739	NM_01051	TC158815	Mm.268521
NM_02130	endothelin	chr1:89044	NM_02130	TC158308	Mm.140765
NM_02790	alanine-gly	chr3:13033	NM_02790	TC158249	Mm.29125
NM_00749	asialoglyc	chr11:6991	NM_00749	TC158728	Mm.1357
NM_00107	perilipin 5	chr17:5625	NM_00107	TC167607	Mm.254985
NM_02835	R-spondin	chr10:2917	NM_02835	TC158375	Mm.45191
NM_00744	angiogenin	chr14:5181	NM_00744	NP382325	Mm.377077
NM_02313	ubiquitin D	chr17:3733	NM_02313	NP377583	Mm.140210
NM_01161	troponin T	chr1:13774	NM_01161	NP747460	Mm.247470
AK037146	RIKEN cD	chr18:68501954-6850		TC160784	Mm.95774
NM_14612	sorbitol de	chr2:12209	NM_14612	TC176562	Mm.371580
NM_00108	hemoglobin	chr11:3219	NM_00108	TC173588	Mm.196110
NM_01192	aldehyde c	chr19:2076	NM_01192	TC158254	Mm.14609
NM_01737	hemopexin	chr7:11274	NM_01737	TC177143	Mm.3485
NM_00102	cytochrom	chr19:3968	NM_00102	4719	Mm.297048
NM_01365	chemokine	chr11:8186	NM_01365	TC163249	Mm.341574
NM_00797	coagulatio	chr8:13055	NM_00797	TC158072	Mm.262589
NM_14559	fibrinogen	chr8:42285	NM_14559	TC158127	Mm.277955
NM_01954	proline def	chr7:31296	NM_01954	TC159630	Mm.270525
NM_02966	major facil	chr4:12262	NM_02966	TC157765	Mm.331842
NM_00789	eosinophil	chr14:4468	NM_00789	TC158373	Mm.327386
NR_003564	transcripti	chr11:8882	NR_003564	TC158200	Mm.347543
NM_13397	transferrin	chr9:10311	NM_13397	TC157363	Mm.37214
NM_00818	glutathione	chr9:78090	NM_00818	TC176840	Mm.197422
NM_13397	transferrin	chr9:10311	NM_13397	TC170171	Mm.37214
NM_13412	cytochrom	chr17:3284	NM_13412	TC158448	Mm.26539
NM_00102	avian musc	chr8:11822	NM_00102	TC159878	Mm.439772
NM_00906	regucalcin	chrX:20138	NM_00906	TC157872	Mm.2118
NM_01158	thrombosp	chr13:9352	NM_01158	TC158056	Mm.20865
NM_00117	melanocor	chr9:87078	NM_00117	731	Mm.335337
NM_00924	serine (or	chr12:1050	NM_00924	TC178066	Mm.439695
NM_03116	inhibitor of	chr13:4835	NM_03116	TC158293	Mm.458006
NM_00888	paired-like	chr5:67485	NM_00888	TC158422	Mm.62505
NM_17783	tenascin N	chr1:16201	NM_17783	TC158617	Mm.90140
NM_00806	glucose-6-	chr11:1012	NM_00806	TC157988	Mm.18064
NM_01874	inter alpha	chr14:3171	NM_01874	NP358746	Mm.34819
BG080322	expressed	chr11:79295347-7929		TC167255	Mm.436987
U37911		chr6:68686370-68686		TC169573	Mm.288753
NM_01739	fatty acid	chr6:71154	NM_01739	TC178021	Mm.22126
NM_00976	bone marr	chr5:44234	NM_00976	TC158244	Mm.246332
NM_01994	microsoma	chr6:13810	NM_01994	TC170230	Mm.14796