

Single-cell transcriptomes reveal characteristic features of Mouse Hepatocytes with Cholestasis Injury

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Supplemental Table 4: High expressed genes of BDL-2-5 (Related to Figure 6-7)

Top 30 highly expressed genes in BDL-2, BDL-3, and BDL-5:

EnsemblID	GeneName	Cluster 1 Average	Cluster 1 Log2 Fold Change	Cluster 1 P-Value	Cluster 2 Average	Cluster 2 Log2 Fold Change	Cluster 2 P-Value	Cluster 3 Average	Cluster 3 Log2 Fold Change	Cluster 3 P-Value	Cluster 4 Average	Cluster 4 Log2 Fold Change	Cluster 4 P-Value	Cluster 5 Average	Cluster 5 Log2 Fold Change	Cluster 5 P-Value	Cluster 6 Average	Cluster 6 Log2 Fold Change	Cluster 6 P-Value
ENSMUSG00000098188	Sowahc	0.13	-2.48	2.19E-07	2.01	2.14	7.57E-05	0.91	0.73	1.51E-01	0.29	-1.21	7.26E-02	0.6	-0.06	1.00E+00	0.33	-1	1.12E-01
ENSMUSG00000040724	Kcna2	0.02	-5.17	4.94E-17	1.83	2.1	7.57E-05	1.23	1.52	1.03E-04	0.06	-3.5	3.65E-07	0.56	-0.05	1.00E+00	0.25	-1.36	2.17E-02
ENSMUSG00000005413	Hmox1	0.61	-3.92	7.48E-15	22.77	2.04	1.51E-04	10.99	0.75	1.63E-01	3.1	-1.4	3.38E-02	8.96	0.35	7.46E-01	4.1	-0.97	1.07E-01
ENSMUSG00000060044	Tmem26	0.03	-4.02	1.24E-12	1.35	2.03	1.20E-04	0.83	1.24	2.80E-03	0.05	-3.34	1.77E-06	0.55	0.4	6.37E-01	0.18	-1.43	1.69E-02
ENSMUSG00000032915	Adgre4	0.07	-4.39	9.34E-18	3.89	1.97	7.57E-05	1.9	0.7	1.47E-01	0.44	-1.73	2.91E-03	1.93	0.71	1.49E-01	0.65	-1.13	4.70E-02
ENSMUSG00000035448	Ccr3	0.02	-4.55	3.15E-11	1.12	1.96	1.34E-03	0.73	1.32	5.99E-03	0.11	-1.95	1.19E-02	0.44	0.26	8.62E-01	0.13	-1.62	2.30E-02
ENSMUSG00000022181	C6	1.02	-1.95	2.37E-06	9.8	1.95	7.57E-05	5.87	1.1	4.65E-03	0.41	-3.23	1.85E-08	3.48	0.08	1.00E+00	1.63	-1.16	2.92E-02
ENSMUSG00000064225	Paqr9	0.35	-2.1	8.44E-07	3.7	1.93	7.57E-05	2.1	0.97	1.62E-02	0.23	-2.66	4.30E-06	1.59	0.41	5.50E-01	0.51	-1.47	5.47E-03
ENSMUSG00000044206	Vsig4	0.62	-4.53	2.61E-22	32.97	1.88	1.23E-04	22.88	1.36	1.85E-04	1.79	-2.89	1.98E-07	14.23	0.38	6.35E-01	4.52	-1.51	1.66E-03
ENSMUSG00000022103	Gfra2	0.02	-4.38	6.42E-14	1.27	1.86	6.12E-04	0.8	1.13	7.61E-03	0.04	-3.66	3.07E-07	0.68	0.76	1.51E-01	0.19	-1.36	2.43E-02
ENSMUSG00000015354	Pcolce2	0.04	-4.61	8.26E-17	2.24	1.86	3.44E-04	1.55	1.32	6.82E-04	0.06	-3.84	1.22E-08	1.09	0.58	3.31E-01	0.31	-1.48	8.51E-03
ENSMUSG00000025743	Sdc3	0.65	-4.65	1.05E-23	36.5	1.82	1.94E-04	20.57	0.85	4.39E-02	4.81	-1.61	1.75E-03	17.5	0.52	3.90E-01	8.27	-0.77	1.57E-01
ENSMUSG00000028917	Plekhn2	0.16	-2.42	1.43E-07	1.87	1.74	9.36E-04	1.09	0.83	6.80E-02	0.45	-0.73	3.73E-01	0.65	-0.13	1.00E+00	0.48	-0.62	3.97E-01
ENSMUSG00000030830	Itgal	0.17	-4.1	2.54E-18	6.34	1.74	6.12E-04	3.84	0.92	2.84E-02	1.17	-1.14	5.75E-02	3.19	0.54	3.36E-01	1.15	-1.18	2.61E-02
ENSMUSG00000026390	Marco	0.12	-4.76	5.23E-12	7.09	1.7	2.37E-02	3.24	0.33	7.76E-01	1.2	-1.31	1.92E-01	4.8	1.08	8.60E-02	1.69	-0.78	4.77E-01
ENSMUSG00000004359	Spic	0.02	-4.78	5.01E-15	1.14	1.68	2.44E-03	0.76	1.05	1.61E-02	0.17	-1.49	2.34E-02	0.59	0.52	4.56E-01	0.26	-0.85	2.11E-01
ENSMUSG00000063193	Cd300lb	0.02	-4.59	4.56E-15	1.16	1.65	2.23E-03	0.74	0.94	3.43E-02	0.53	0.27	7.59E-01	0.42	-0.13	1.00E+00	0.18	-1.45	1.26E-02
ENSMUSG00000013089	Etv5	0.07	-2.85	4.26E-09	1.15	1.63	2.30E-03	0.62	0.56	3.25E-01	0.21	-1.22	6.03E-02	0.63	0.58	3.34E-01	0.35	-0.43	6.42E-01
ENSMUSG00000070873	Lilra5	0.04	-4.78	1.03E-18	2.21	1.6	2.17E-03	1.79	1.4	1.67E-04	0.47	-1.02	1.21E-01	1.01	0.24	8.30E-01	0.33	-1.58	3.12E-03
ENSMUSG00000034641	Cd300ld	0.1	-4.59	1.40E-20	4.92	1.56	2.17E-03	4.05	1.39	1.56E-04	0.94	-1.23	3.84E-02	2.36	0.29	7.46E-01	0.85	-1.39	7.47E-03
ENSMUSG00000014542	Clec4f	1.24	-4.37	2.54E-21	49.89	1.54	3.02E-03	45.98	1.64	4.39E-06	3.17	-2.91	1.81E-07	25.66	0.39	6.18E-01	8.19	-1.5	1.98E-03
ENSMUSG00000072596	Ear2	0.05	-4.15	2.35E-14	1.66	1.33	2.43E-02	1.56	1.42	3.07E-04	0.43	-0.92	2.31E-01	0.96	0.4	6.11E-01	0.3	-1.52	8.90E-03
ENSMUSG00000070427	Il18bp	0.36	-3.67	2.26E-16	7.98	1.3	1.81E-02	8.03	1.54	1.54E-05	1.68	-1.29	2.41E-02	4.37	0.28	8.02E-01	1.63	-1.35	8.65E-03
ENSMUSG00000074874	Ctla2b	0.11	-4.31	6.50E-19	3.78	1.25	2.20E-02	3.77	1.46	6.73E-05	0.77	-1.38	1.64E-02	1.82	0	1.00E+00	1.48	-0.35	7.23E-01
ENSMUSG00000025877	Hk3	0.02	-5.13	4.97E-18	1.04	1.05	9.13E-02	1.31	1.75	1.69E-06	0.41	-0.53	5.92E-01	0.6	0.11	9.88E-01	0.2	-1.64	2.77E-03
ENSMUSG00000032725	Folr2	0.22	-4.53	3.26E-21	7.92	1.08	8.01E-02	9.66	1.72	1.53E-06	1.4	-1.74	1.63E-03	5.65	0.54	3.80E-01	1.63	-1.52	3.03E-03
ENSMUSG00000030159	Clec1b	0.1	-4.8	5.29E-22	3.98	0.96	1.13E-01	5.12	1.68	2.46E-06	0.65	-1.96	3.60E-04	3.07	0.56	3.09E-01	1.26	-0.96	8.77E-02
ENSMUSG00000017754	Pltp	0.29	-4.68	7.47E-23	11.35	1.06	8.42E-02	13.03	1.54	1.71E-05	4.28	-0.58	4.33E-01	6.57	0.14	9.88E-01	3.23	-1.04	5.64E-02
ENSMUSG00000030703	Gdpd3	0.04	-4.4	4.95E-15	1.11	0.82	2.94E-01	1.45	1.53	8.49E-05	0.87	0.43	5.15E-01	0.56	-0.32	9.10E-01	0.29	-1.36	2.11E-02
ENSMUSG00000019874	Fabp7	0.26	-4.63	5.81E-21	9.63	1.07	9.37E-02	10.86	1.51	4.87E-05	1.51	-1.94	6.37E-04	8.16	0.86	6.29E-02	2.01	-1.51	4.38E-03

specific and high expressed genes in BDL-5:

EnsemblID	GeneName	Cluster 1 Average	Cluster 1 Log2 Fold Change	Cluster 1 P-Value	Cluster 2 Average	Cluster 2 Log2 Fold Change	Cluster 2 P-Value	Cluster 3 Average	Cluster 3 Log2 Fold Change	Cluster 3 P-Value	Cluster 4 Average	Cluster 4 Log2 Fold Change	Cluster 4 P-Value	Cluster 5 Average	Cluster 5 Log2 Fold Change	Cluster 5 P-Value	Cluster 6 Average	Cluster 6 Log2 Fold Change	Cluster 6 P-Value
ENSMUSG00000024681	Ms4a3	0.010156	-4.24959	3.58E-01	0.006597	-4.12535	1.00E+00	0	-6.04496	5.03E-01	0.004613	-4.71586	9.50E-01	1.139875	7.555834	6.37E-08	0.004348	-4.81718	7.63E-01
ENSMUSG00000020125	Elane	0.060934	-5.15226	5.62E-01	0.118754	-4.01791	1.00E+00	0.053568	-5.27581	1.00E+00	0.04152	-5.53955	1.00E+00	10.06754	7.435303	7.85E-07	0.030435	-5.96394	1.00E+00
ENSMUSG00000056399	Prss34	0.016926	-5.35093	9.79E-01	0.046182	-3.79837	1.00E+00	0.022958	-4.90717	1.00E+00	0.009227	-5.81181	1.00E+00	3.639457	7.39065	1.92E-02	0.017391	-5.17301	9.85E-01
ENSMUSG00000040314	Ctsg	0.013541	-5.54278	1.83E-01	0.02639	-4.40842	1.00E+00	0.026784	-4.63995	6.71E-01	0.02768	-4.51019	9.44E-01	3.456263	7.316225	3.11E-08	0.013044	-5.42384	6.65E-01
ENSMUSG00000009350	Mpo	0.040623	-4.99745	2.29E-01	0.065974	-4.10596	1.00E+00	0.045915	-4.77767	6.36E-01	0.04152	-4.8349	9.05E-01	6.134968	7.005823	6.88E-08	0.047827	-4.67133	7.37E-01
ENSMUSG00000022157	Mcpt8	0.033852	-3.70919	9.54E-01	0.019792	-4.05294	1.00E+00	0.015305	-4.64294	1.00E+00	0.101493	-2.0686	9.22E-01	2.047703	5.746611	2.89E-02	0.017391	-4.42019	1.00E+00
ENSMUSG00000045328	Cenpe	0	-6.19787	5.60E-11	0.013195	-3.46798	1.32E-02	0.011479	-3.96221	7.00E-06	0.02768	-2.81472	1.62E-03	1.009603	5.488324	8.37E-35	0.06087	-1.77279	2.60E-02
ENSMUSG00000027306	Nusap1	0.020311	-3.9507	1.05E-08	0.02639	-3.30889	1.13E-02	0.019131	-3.95687	1.63E-06	0.004613	-5.23195	5.18E-07	1.506263	5.44211	1.31E-37	0.100001	-1.66854	2.87E-02
ENSMUSG00000020914	Top2a	0.07109	-3.64322	1.01E-09	0.112156	-2.80398	1.46E-02	0.068873	-3.63916	3.70E-07	0.036907	-4.40704	1.61E-07	3.806367	5.291772	8.61E-43	0.20435	-2.03813	2.77E-03
ENSMUSG00000027715	Ccna2	0.044008	-3.06067	1.32E-06	0.052779	-2.58019	4.39E-02	0.03061	-3.49477	7.64E-06	0.009227	-4.77516	1.30E-06	1.628392	5.261511	2.30E-36	0.073914	-2.24227	2.77E-03
ENSMUSG000000041431	Ccnb1	0.027082	-3.06434	1.29E-05	0.032987	-2.53026	8.64E-02	0.022958	-3.21736	1.57E-04	0.018453	-3.38888	4.55E-04	1.046242	5.23999	1.87E-30	0.034783	-2.62181	1.92E-03
ENSMUSG00000038943	Prc1	0.013541	-4.32094	4.84E-09	0.006597	-4.52007	2.23E-03	0.026784	-3.41144	2.13E-05	0.009227	-4.52177	6.19E-06	1.347495	5.08024	1.73E-32	0.134784	-1.09194	2.19E-01
ENSMUSG00000001403	Ube2c	0.06432	-3.90977	8.58E-09	0.178131	-2.27966	1.05E-01	0.114788	-3.0435	7.26E-05	0.073813	-3.60424	5.63E-05	4.070981	5.056437	9.23E-33	0.208698	-2.13668	6.77E-03
ENSMUSG00000094777	Hist1h2ap	0.054164	-4.80354	1.92E-11	0.131949	-3.36107	1.23E-02	0.172183	-3.12385	4.78E-05	0.239893	-2.58962	2.59E-03	6.367014	5.033354	1.06E-32	0.391309	-1.87914	1.93E-02
ENSMUSG00000040204	2810417H13	0.037238	-4.50356	3.21E-12	0.105559	-2.85958	1.35E-02	0.091831	-3.20631	4.35E-06	0.133787	-2.612	5.57E-04	3.643528	4.991723	3.61E-38	0.221742	-1.88761	6.59E-03
ENSMUSG00000020649	Rrm2	0.060934	-2.7618	3.62E-05	0.059377	-2.58019	7.78E-02	0.019131	-4.24346	2.17E-06	0.018453	-4.18535	2.80E-05	1.762735	4.945919	4.24E-29	0.126088	-1.62694	5.74E-02
ENSMUSG00000017716	Birc5	0.101557	-3.16523	2.95E-08	0.145143	-2.47259	2.97E-02	0.065047	-3.74768	1.56E-07	0.08304	-3.34424	1.39E-05	3.733089	4.832708	1.46E-37	0.273916	-1.63029	1.81E-02
ENSMUSG00000027469	Tpx2	0.016926	-3.84579	2.05E-08	0.039585	-2.48455	5.00E-02	0.045915	-2.47883	5.91E-04	0.04152	-2.54694	1.87E-03	1.127662	4.703847	9.02E-31	0.073914	-1.76351	1.72E-02
ENSMUSG00000031004	Mki67	0.030467	-4.15078	2.66E-11	0.184728	-1.43842	2.96E-01	0.091831	-2.57605	7.47E-05	0.064587	-3.01104	6.14E-05	2.28382	4.568773	1.08E-34	0.152176	-1.80254	7.04E-03
ENSMUSG00000026605	Cenpf	0.037238	-2.90289	1.73E-05	0.046182	-2.37062	1.02E-01	0.038263	-2.81294	4.89E-04	0.023067	-3.38466	3.65E-04	1.172442	4.545707	2.63E-25	0.104349	-1.34437	1.24E-01
ENSMUSG00000023505	Cdca3	0.050779	-2.76162	1.75E-06	0.046182	-2.65548	2.43E-02	0.034437	-3.24112	6.86E-06	0.050747	-2.64698	5.63E-04	1.420772	4.530226	3.50E-32	0.12174	-1.41404	4.58E-02
ENSMUSG00000023015	Racgap1	0.016926	-3.8812	9.24E-09	0.052779	-2.1487	8.68E-02	0.03061	-3.06328	3.49E-05	0.0692	-1.87792	1.81E-02	1.111378	4.372598	2.74E-28	0.108697	-1.233	1.09E-01
ENSMUSG00000057729	Prtn3	0.196344	-3.34196	4.31E-02	0.138546	-3.65453	7.92E-01	0.145399	-3.73229	1.08E-01	0.94112	-0.90372	1.00E+00	7.559811	4.326746	5.30E-07	0.486962	-1.92658	5.73E-01
ENSMUSG00000001228	Uhrf1	0.044008	-2.64121	1.48E-05	0.079169	-1.61819	2.63E-01	0.015305	-3.94615	1.67E-06	0.032293	-2.93103	4.26E-04	1.115449	4.309682	7.16E-27	0.12174	-1.0801	1.90E-01
ENSMUSG00000028873	Cdca8	0.033852	-3.09573	1.77E-07	0.046182	-2.43309	3.41E-02	0.034437	-3.01756	1.71E-05	0.0692	-1.99062	7.76E-03	1.184655	4.289304	7.26E-30	0.12174	-1.17871	1.09E-01
ENSMUSG00000019942	Cdk1	0.067705	-2.86739	3.54E-07	0.112156	-1.96297	9.36E-02	0.080352	-2.57797	8.95E-05	0.046133	-3.28143	2.22E-05	1.901148	4.133343	1.13E-28	0.243481	-0.89051	2.73E-01
ENSMUSG00000032254	Kif23	0.010156	-4.60763	8.50E-11	0.138546	-0.94068	7.09E-01	0.072699	-2.00107	3.33E-03	0.036907	-2.87391	3.21E-04	1.176513	4.123269	1.13E-26	0.113045	-1.31605	7.52E-02
ENSMUSG00000024590	Lmnb1	0.06432	-2.59809	1.92E-06	0.079169	-2.10739	5.97E-02	0.076526	-2.30472	3.16E-04	0.147627	-1.28967	9.54E-02	1.428914	3.781303	3.07E-25	0.156523	-1.21273	8.08E-02
ENSMUSG00000032218	Ccnb2	0.06432	-2.29755	8.33E-05	0.046182	-2.53153	3.84E-02	0.118615	-1.35173	7.21E-02	0.073813	-1.99991	1.19E-02	1.164301	3.749813	1.80E-21	0.113045	-1.39428	6.33E-02
ENSMUSG00000054717	Hmgb2	0.192959	-4.00963	4.09E-13	0.930237	-1.54832	2.01E-01	0.658121	-2.16482	3.16E-04	1.591599	-0.76477	4.49E-01	10.49092	3.643427	2.93E-14	1.091316	-1.36522	3.76E-02

**Top 30 highly expressed genes in BDL-4:**

EnsemblID	GeneName	Cluster 1 Average	Cluster 1 Log2 Fold Change	Cluster 1 P-Value	Cluster 2 Average	Cluster 2 Log2 Fold Change	Cluster 2 P-Value	Cluster 3 Average	Cluster 3 Log2 Fold Change	Cluster 3 P-Value	Cluster 4 Average	Cluster 4 Log2 Fold Change	Cluster 4 P-Value	Cluster 5 Average	Cluster 5 Log2 Fold Change	Cluster 5 P-Value	Cluster 6 Average	Cluster 6 Log2 Fold Change	Cluster 6 P-Value
ENSMUSG00000029379	Cxcl3	0.023697	-4.9702	1.00E+00	0.02639	-4.51853	1.00E+00	0.053568	-3.8327	1.00E+00	4.179678	7.059515	1.51E-03	0.008142	-6.06433	1.00E+00	0.039131	-4.20266	1.00E+00
ENSMUSG00000009185	Ccl8	0.003385	-6.07998	6.07E-02	0.032987	-3.34918	1.00E+00	0.198967	-0.97869	1.00E+00	1.882239	4.505257	3.10E-04	0.113987	-1.81412	1.00E+00	0.047827	-3.02363	8.00E-01

ENSMUSG00000035042	Ccl5	0.047393	-5.55105	1.85E-03	0.145143	-3.79562	8.26E-01	1.105796	-0.89859	1.00E+00	8.193276	3.486021	2.46E-04	1.893006	0.006812	9.77E-01	0.313047	-2.79335	3.47E-01
ENSMUSG00000058427	Cxcl2	0.084631	-3.58551	8.64E-01	0.197923	-2.19119	1.00E+00	0.505069	-0.8719	9.74E-01	3.584558	3.357638	3.88E-02	0.411169	-1.1876	1.00E+00	0.539136	-0.74952	8.45E-01
ENSMUSG00000022584	Ly6c2	0.084631	-3.36807	1.37E-04	0.085767	-3.14397	1.46E-01	0.210446	-1.99751	8.61E-02	3.012505	3.250262	9.05E-08	1.062526	0.680985	5.30E-01	0.08261	-3.31266	3.27E-03
ENSMUSG000000024672	Ms4a7	0.027082	-4.63382	4.04E-11	0.244105	-1.3704	4.59E-01	0.497417	-0.32237	9.78E-01	2.412772	3.16002	1.53E-12	0.398956	-0.68104	6.54E-01	0.195654	-1.77218	2.02E-02
ENSMUSG000000040751	Lat2	0.013541	-4.7292	1.08E-12	0.092364	-1.98043	7.67E-02	0.156878	-1.32694	4.61E-02	1.416293	3.125834	7.02E-15	0.33382	-0.1001	1.00E+00	0.217394	-0.79546	3.25E-01
ENSMUSG000000022204	Napsa	0.003385	-5.85473	6.04E-12	0.072572	-2.10162	1.27E-01	0.156878	-1.10245	2.31E-01	1.213306	3.079013	1.68E-11	0.394885	0.451155	6.66E-01	0.08261	-2.02887	8.59E-03
ENSMUSG000000049103	Ccr2	0.067705	-4.3167	2.19E-13	0.349664	-1.78897	1.19E-01	0.89535	-0.40015	8.47E-01	4.419571	3.063995	2.30E-14	1.005532	-0.19967	1.00E+00	0.300003	-2.09122	1.02E-03
ENSMUSG00000030144	Clec4d	0.030467	-3.45387	1.22E-04	0.079169	-1.93038	5.28E-01	0.149225	-1.12418	4.97E-01	1.125653	2.937704	1.65E-06	0.236117	-0.38045	1.00E+00	0.239133	-0.35378	1.00E+00
ENSMUSG00000036594	H2-Aa	0.802303	-5.10867	4.07E-21	11.59828	-1.01516	4.09E-01	20.61219	-0.12279	1.00E+00	83.28446	2.936245	4.87E-13	16.62181	-0.48569	6.66E-01	5.95224	-2.08671	1.28E-04
ENSMUSG00000060586	H2-Eb1	0.646582	-4.4857	1.03E-16	6.84813	-0.83714	6.08E-01	10.57585	-0.16585	1.00E+00	43.54984	2.915931	4.87E-13	7.852922	-0.66239	4.67E-01	3.843521	-1.77495	3.14E-03
ENSMUSG00000029816	Gpnmb	0.091402	-4.53447	3.92E-08	0.71912	-1.37641	7.30E-01	2.020277	0.259425	8.72E-01	6.55093	2.909674	4.13E-07	0.858977	-1.17131	4.27E-01	0.665225	-1.55543	1.52E-01
ENSMUSG00000021451	Sema4d	0.044008	-2.8924	2.64E-07	0.145143	-1.00797	5.76E-01	0.206619	-0.53749	6.55E-01	1.065679	2.8926	4.87E-13	0.211691	-0.4904	7.54E-01	0.12174	-1.34236	4.77E-02
ENSMUSG00000069515	Lyz1	0	-7.04821	1.02E-09	0.052779	-2.72037	1.86E-01	0.19514	-0.97078	5.63E-01	1.310186	2.884583	1.05E-06	0.227975	-0.71313	8.17E-01	0.4087	0.268689	7.66E-01
ENSMUSG00000024610	Cd74	5.216662	-3.59232	5.62E-14	28.00608	-0.93934	4.68E-01	46.0761	-0.1706	1.00E+00	186.5124	2.849114	4.87E-13	38.99593	-0.45096	7.04E-01	13.58276	-2.09746	9.11E-05
ENSMUSG00000073421	H2-Ab1	1.357483	-3.95998	2.81E-15	11.84238	-0.5773	8.52E-01	15.92116	-0.1149	1.00E+00	59.86258	2.712145	4.87E-13	13.32839	-0.41575	7.46E-01	4.973968	-1.96072	2.64E-04
ENSMUSG000000021728	Emb	0.023697	-3.95782	9.97E-10	0.131949	-1.39015	3.60E-01	0.187488	-0.9573	2.71E-01	1.176399	2.689123	5.45E-10	0.476305	0.6438	3.68E-01	0.095653	-1.94432	5.65E-03
ENSMUSG00000025804	Ccr1	0.037238	-3.75805	1.07E-09	0.197923	-1.2085	4.83E-01	0.248708	-0.94419	2.70E-01	1.517786	2.640407	6.88E-10	0.49666	0.219992	9.02E-01	0.256525	-0.87454	2.96E-01
ENSMUSG00000069516	Lyz2	1.926204	-4.80084	5.25E-21	18.53877	-1.30886	1.68E-01	35.26302	-0.33842	8.09E-01	144.7571	2.583151	2.73E-12	39.19133	-0.15491	1.00E+00	27.26552	-0.75257	2.34E-01
ENSMUSG00000099974	Bcl2a1d	0.010156	-5.63706	1.01E-11	0.283689	-0.96343	8.51E-01	0.554811	0.078546	1.00E+00	1.799199	2.579301	2.71E-07	0.464092	-0.22953	1.00E+00	0.217394	-1.42783	1.09E-01
ENSMUSG00000074677	Sirpb1c	0.016926	-4.86139	3.04E-14	0.303482	-0.66356	8.84E-01	0.478285	0.044655	1.00E+00	1.536239	2.492324	5.64E-10	0.443737	-0.08528	1.00E+00	0.160871	-1.68318	7.04E-03
ENSMUSG00000027533	Fabp5	0.473934	-2.34399	7.79E-04	0.395846	-2.46101	1.40E-01	1.040749	-1.09791	3.58E-01	6.504797	2.453242	9.89E-06	0.761273	-1.57475	1.26E-01	3.226123	0.864493	1.84E-01
ENSMUSG00000015437	Gzmb	0.013541	-4.80305	1.59E-02	0.019792	-3.99339	9.22E-01	0.007653	-5.32576	5.29E-02	1.199466	2.422067	2.77E-02	1.029958	2.129984	5.78E-02	0.008696	-5.10302	8.86E-02
ENSMUSG00000037548	H2-DMb2	0.037238	-4.26809	2.08E-13	0.422235	-0.60489	9.37E-01	0.654294	0.088827	1.00E+00	1.983732	2.401138	1.55E-09	0.659499	0.101757	1.00E+00	0.152176	-2.19991	2.74E-04
ENSMUSG00000056290	Ms4a4b	0.016926	-4.65698	8.87E-10	0.263897	-0.65778	1.00E+00	0.348192	-0.26038	1.00E+00	1.277893	2.368194	2.03E-06	0.517015	0.437599	6.84E-01	0.126088	-1.8299	2.54E-02
ENSMUSG00000026879	Gsn	0.013541	-4.75805	7.72E-13	0.250702	-0.55966	9.77E-01	0.309929	-0.26397	9.78E-01	1.134879	2.353458	1.55E-08	0.33382	-0.13429	1.00E+00	0.247829	-0.61951	4.85E-01
ENSMUSG00000029373	Pf4	0.037238	-5.00272	2.46E-02	0.389248	-1.49738	1.00E+00	0.711689	-0.63352	1.00E+00	3.215492	2.340346	4.62E-02	0.858977	-0.31478	1.00E+00	1.226101	0.301233	6.89E-01
ENSMUSG00000023992	Trem2	0.047393	-5.05248	4.46E-18	0.606963	-1.22398	3.43E-01	1.453987	0.150558	9.54E-01	4.133545	2.322237	3.50E-09	1.302714	-0.04472	1.00E+00	0.734791	-0.98178	1.43E-01
ENSMUSG00000000682	Cd52	0.284361	-4.69695	3.96E-21	3.879287	-0.67868	7.98E-01	7.044187	0.307004	7.55E-01	18.03812	2.273061	6.79E-10	6.383298	0.124789	1.00E+00	1.395668	-2.29073	1.16E-05