

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

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Supplemental Table 5: High expressed genes of BDL-1 (Related to Supplementary Figure 2)

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
ENSMUSG00000032068	Plet1	1.448885	6.323067	1.26E-35	0.013195	-4.18142	1.32E-02	0.022958	-3.8606	4.99E-05	0.018453	-4.02848	2.34E-04	0.020355	-3.97744	5.01E-05	0.008696	-4.87325	4.08E-06
ENSMUSG00000031271	Serpina7	1.922819	6.297559	9.47E-42	0.032987	-3.58509	1.35E-02	0.022958	-4.27483	1.88E-06	0.036907	-3.58328	1.65E-04	0	-6.98798	7.07E-10	0.030435	-3.85698	1.16E-05
ENSMUSG00000044393	Dsg2	1.92959	5.73558	5.52E-49	0.039585	-3.39653	3.40E-03	0.026784	-4.11607	5.03E-08	0.018453	-4.47724	1.82E-07	0.044781	-3.41269	1.13E-06	0.047827	-3.29876	2.58E-06
ENSMUSG00000030237	Slco1a4	2.024376	5.571985	2.33E-35	0.098961	-2.26469	1.49E-01	0.042089	-3.60343	2.44E-05	0.036907	-3.70121	1.36E-04	0.024426	-4.28355	2.20E-06	0.026087	-4.16963	4.31E-06
ENSMUSG00000000567	Sox9	3.331081	5.38471	6.25E-49	0.131949	-2.61208	1.57E-02	0.072699	-3.59842	1.42E-07	0.0692	-3.60175	1.69E-06	0.069207	-3.64434	5.88E-08	0.069566	-3.61424	1.03E-07
ENSMUSG00000010175	Prox1	1.844958	5.378209	1.86E-48	0.02639	-3.84812	7.69E-04	0.049742	-3.2551	1.06E-06	0.02768	-3.94831	4.97E-07	0.048852	-3.25567	9.60E-07	0.056522	-3.03235	4.07E-06
ENSMUSG00000020926	Adam11	1.062967	5.245173	2.63E-33	0.02639	-3.05718	2.97E-02	0.015305	-3.97176	6.57E-06	0.04152	-2.62638	3.07E-03	0.008142	-4.60834	8.79E-07	0.047827	-2.45605	2.52E-03
ENSMUSG00000021336	Slc17a4	1.611376	5.213044	5.71E-37	0.046182	-2.9795	2.06E-02	0.061221	-2.78128	1.67E-04	0.046133	-3.10218	2.53E-04	0.036639	-3.45774	1.03E-05	0.021739	-4.09194	7.98E-07
ENSMUSG00000031640	Klkb1	1.31686	5.185563	1.27E-41	0.072572	-2.08788	7.25E-02	0.038263	-3.13143	8.45E-06	0.023067	-3.69895	6.53E-06	0.024426	-3.6884	5.67E-07	0.030435	-3.37841	2.98E-06
ENSMUSG00000078650	G6pc	2.853761	5.178317	9.83E-36	0.151741	-2.20548	1.17E-01	0.088005	-3.12005	4.86E-05	0.059973	-3.58941	5.63E-05	0.061065	-3.60887	6.64E-06	0.052174	-3.79922	3.18E-06
ENSMUSG00000045991	Onecut2	2.342589	5.166948	4.19E-41	0.112156	-2.34052	4.96E-02	0.057394	-3.42888	1.98E-06	0.04152	-3.79439	4.30E-06	0.097704	-2.65876	1.33E-04	0.026087	-4.41601	1.50E-08
ENSMUSG00000025194	Abcc2	1.299934	5.166948	2.26E-36	0.052779	-2.496	5.25E-02	0.045915	-2.86612	1.13E-04	0.023067	-3.68183	3.78E-05	0.020355	-3.89708	1.67E-06	0.039131	-3.03235	7.92E-05
ENSMUSG00000027801	Tm4sf4	16.20855	5.097764	2.46E-50	0.567379	-2.87348	4.20E-03	0.428544	-3.40362	4.86E-08	0.309093	-3.8247	4.88E-08	0.744989	-2.57157	1.74E-05	0.317395	-3.80238	1.29E-09
ENSMUSG00000035186	Ubd	1.323631	5.055439	1.94E-24	0.039585	-2.90296	1.14E-01	0.049742	-2.7938	3.60E-03	0.036907	-3.12416	4.75E-03	0.04071	-3.04313	2.53E-03	0.026087	-3.59479	4.64E-04
ENSMUSG00000024843	Chka	7.819915	5.024614	5.94E-30	0.310079	-2.6843	9.03E-02	0.244882	-3.15174	1.75E-04	0.17992	-3.5424	2.65E-04	0.223904	-3.26309	1.66E-04	0.256525	-3.04734	4.64E-04
ENSMUSG00000029822	Osbpl3	2.21395	5.007585	2.91E-40	0.072572	-2.87037	1.26E-02	0.038263	-3.91248	1.43E-07	0.101493	-2.50003	8.44E-04	0.089562	-2.71528	7.41E-05	0.043479	-3.68973	4.03E-07
ENSMUSG00000003617	Cp	46.4828	4.998857	3.90E-15	2.51362	-2.2562	1.06E-02	1.35833	-3.27498	3.46E-09	1.134879	-3.48874	1.21E-08	1.343424	-3.27361	1.05E-09	1.260884	-3.34934	7.92E-10
ENSMUSG00000027690	Slc2a2	3.842253	4.920625	7.29E-50	0.20452	-2.24625	1.89E-02	0.153051	-2.7928	1.67E-06	0.04152	-4.54012	6.35E-10	0.1262	-3.05201	2.00E-07	0.12174	-3.08358	2.03E-07
ENSMUSG00000052562	Slc22a30	1.838188	4.900161	3.68E-31	0.158338	-1.51884	4.19E-01	0.045915	-3.40603	2.64E-05	0.02768	-3.98943	2.90E-05	0.065136	-2.90052	3.15E-04	0.039131	-3.569	2.02E-05
ENSMUSG00000020429	Igfbp1	2.48477	4.851906	2.62E-33	0.184728	-1.75316	2.49E-01	0.068873	-3.29569	1.62E-05	0.05536	-3.52974	5.09E-05	0.069207	-3.26665	2.29E-05	0.08261	-2.99716	9.57E-05
ENSMUSG00000027513	Pck1	34.1605	4.851252	3.90E-15	1.827487	-2.28728	1.79E-02	1.415725	-2.7734	1.61E-06	0.95496	-3.30534	4.45E-07	1.025887	-3.23222	2.57E-08	0.860879	-3.47164	4.39E-09
ENSMUSG00000024479	Mal2	1.056196	4.797863	5.84E-38	0.052779	-2.23018	4.73E-02	0.03061	-3.14476	6.79E-06	0.032293	-2.99478	1.01E-04	0.044781	-2.60834	1.17E-04	0.030435	-3.0961	1.22E-05
ENSMUSG00000015970	Chdh	1.093434	4.78058	2.24E-37	0.059377	-2.12737	6.83E-02	0.03061	-3.19797	6.49E-06	0.036907	-2.87391	1.93E-04	0.056994	-2.32787	6.05E-04	0.017391	-3.83921	4.45E-07
ENSMUSG00000053646	Plxnb1	1.029114	4.760509	1.65E-34	0.065974	-1.89837	1.29E-01	0.026784	-3.2852	1.06E-05	0.02768	-3.15803	1.28E-04	0.020355	-3.5999	2.83E-06	0.056522	-2.22933	1.66E-03
ENSMUSG00000022037	Clu	148.6901	4.752316	3.90E-15	7.395716	-2.41073	7.84E-03	4.844074	-3.14568	7.06E-08	4.553358	-3.18868	5.20E-07	4.763048	-3.15337	2.88E-08	6.687031	-2.63428	3.13E-06
ENSMUSG00000060961	Slc4a4	2.234262	4.745106	2.38E-43	0.125351	-2.16122	3.44E-02	0.065047	-3.23173	4.49E-07	0.050747	-3.50436	1.26E-06	0.061065	-3.29676	2.12E-07	0.126088	-2.24827	2.19E-04
ENSMUSG00000030236	Slco1b2	2.718352	4.718323	1.61E-36	0.20452	-1.75664	1.76E-01	0.114788	-2.71865	5.62E-05	0.0692	-3.37297	1.92E-05	0.101775	-2.8717	3.15E-05	0.052174	-3.77865	2.38E-07
ENSMUSG00000054889	Dsp	1.553827	4.701257	1.09E-38	0.098961	-1.95983	8.18E-02	0.061221	-2.78412	1.96E-05	0.02768	-3.76823	2.03E-06	0.089562	-2.22209	5.98E-04	0.026087	-3.86955	8.00E-08
ENSMUSG00000027792	Bche	1.597836	4.698395	1.53E-40	0.079169	-2.30943	2.80E-02	0.072699	-2.58327	3.55E-05	0.073813	-2.50195	3.47E-04	0.032568	-3.6566	7.60E-08	0.052174	-3.00127	4.31E-06
ENSMUSG00000059434	Gckr	1.543672	4.670122	4.42E-31	0.065974	-2.50886	5.71E-02	0.057394	-2.86874	1.26E-04	0.036907	-3.39449	9.97E-05	0.073278	-2.50345	9.98E-04	0.065218	-2.646	5.04E-04