

Table S4. 50 Differentially expressed genes microarray information

Gene	FDR-adjusted p-value	Fold Change relative to control	S129922_T EM	S302873_T EM	S305896_T EM	S308632_T EM	S303534_NC	S305044_NC	S306224_NC	S306515_NC
<i>AIBG</i>	0.00944872	2.41096872	9.08865384	10.0553601	9.10764472	8.99075892	8.10122992	8.3054691	7.8861874	7.75934741
<i>AHSA1</i>	0.0024016	0.47443258	7.62266	7.38636	7.1889	7.19354	8.60239	8.61946	8.53263	7.93988
<i>AHSG</i>	0.00326809	0.34208826	5.31895219	4.77507753	5.79579407	5.17588432	6.66301857	6.96121131	6.87621894	6.75549738
<i>ALDH1A3</i>	0.00183073	2.91633701	9.47477586	10.0790383	9.25120426	9.63248156	7.15651354	8.84120876	7.90371804	8.0561288
<i>ANXA2</i>	0.00987526	0.44494842	8.19742	7.55716	8.13764	8.73795	8.91446	9.5387	9.11079	9.73938
<i>APOLD1</i>	0.00401784	7.20598314	10.7641727	11.8680319	10.2376323	9.51781912	6.73544791	8.01470703	9.13175638	7.50913972
<i>C2</i>	3.1525E-05	19.4154821	12.7529945	12.871815	13.2839544	11.8268275	8.8856567	7.06405988	8.90968942	8.49423966
<i>C4B</i>	0.00115237	2.74994817	11.9378609	11.8222955	12.0389152	11.2266874	10.6056506	10.4326532	10.0473907	10.3506235
<i>CCL3L3</i>	0.00998316	12.6461694	7.68269352	8.8183256	6.2158209	9.71923397	5.57439361	4.05321839	4.08676886	4.07917894
<i>CCL4L2</i>	1.04E-05	9.20389449	11.5978762	11.4136519	10.8131877	11.6962735	8.60884781	7.83085352	7.7201318	8.31047391
<i>CLCF1</i>	0.00359847	4.76951542	10.5256428	9.33377368	9.68999182	8.71536535	7.52957563	7.48139774	6.27183349	7.57980456
<i>COL4A4</i>	0.00135224	2.49753594	12.1919058	11.7701501	11.5241023	11.404309	10.4232377	10.6671093	9.81380026	10.1070536
<i>COPS2</i>	0.00792557	0.42881507	6.0984	6.83378	6.89997	6.91425	7.85948	7.87683	7.94789	7.94849
<i>CP</i>	0.00241811	2.99616713	5.80698796	5.40007396	5.5354175	5.33818918	4.30646015	3.32968881	3.40862181	3.41651403
<i>CXCL1</i>	7.4221E-05	86.4843126	11.686237	11.9387947	11.2808279	9.49721553	5.63286437	4.55714306	2.80740022	5.56790843
<i>CXCL2</i>	0.00012495	367.70035	15.0068893	13.8201615	14.3591636	12.4651913	6.24723431	5.66579877	4.88172552	5.79990993
<i>DARS</i>	0.00940061	0.45845435	8.23719	7.85633	7.3066	7.83945	8.91135	8.99147	8.91083	8.92652
<i>ESPN</i>	0.00708645	0.47468736	8.29648602	8.67334039	7.9926883	8.02194845	8.66648573	9.67202348	9.86525274	8.95570941
<i>FGA</i>	0.00437719	12.8132363	6.48496942	4.67359549	4.70337065	4.20977557	1.61499472	1.11357494	1.5563747	1.72366248
<i>FGF18</i>	0.00935827	2.38085221	6.70328291	7.65333336	6.59544475	6.55731227	5.23970752	5.50275466	5.48558436	6.43298831
<i>FGF7</i>	0.00739996	2.54229134	12.1623671	12.1832116	12.1907437	9.73457246	11.13056005	10.5600605	11.2887263	10.7080172
<i>FLNA</i>	0.00076587	3.75154573	5.87182555	6.77771993	6.1317294	5.67929733	4.27159295	3.52889417	4.38132781	4.31474657
<i>GC</i>	0.00356756	3.91364004	9.06839617	8.11646476	8.36148645	8.28902234	5.98313374	6.83362903	6.68717464	4.97410561
<i>HBEGF</i>	0.00324271	2.26897147	10.3520749	10.9191353	10.348654	9.97011992	9.23237839	9.48642214	8.86099	8.79260974
<i>HLA-G</i>	0.00590275	5.84427995	15.3765158	15.9942084	14.4006128	15.9280594	13.0003462	12.8258912	12.9697075	12.9126744
<i>HP</i>	0.00254839	18.2202734	13.6739025	12.5245569	12.4304238	11.3895733	8.53412305	8.35995836	8.84277841	8.63943997
<i>IL6</i>	0.00983112	3.12644152	4.22410051	3.96498279	2.78549987	4.22104595	2.67494443	2.18442782	2.37533145	2.5371227
<i>ISYNA1</i>	0.0065824	0.29141509	7.88827	7.06827	6.69034	6.7121	8.94954	8.8417	8.71896	8.96419
<i>MAP2K6</i>	0.00455522	0.45182298	5.29722036	5.62548368	5.78430258	6.22709906	6.9182892	6.45610449	7.20915294	7.36024103
<i>MAPT</i>	0.00537519	0.14144899	1.57334382	3.73114395	2.97726248	2.96884428	4.24416059	5.75627467	6.46324583	6.07349843
<i>MMP7</i>	0.00219659	4.09347148	10.11606065	9.566944	9.82729182	8.78421324	7.07419672	7.90276921	7.97790813	7.40237476
<i>MR11</i>	0.00431771	0.36765449	7.33554	6.89236	6.28269	6.41489	8.06119	8.07761	8.02313	8.53786
<i>MSLN</i>	0.00044209	0.14342752	6.95196	6.70823	6.86536	7.003	7.88779	7.58554	7.91533	7.51336
<i>NAMPT</i>	0.00985356	7.12333821	10.2533392	10.2871112	10.1812931	8.28211893	7.0811292	7.04565179	6.96362138	6.81762452
<i>NNMT</i>	0.00186303	5.45698982	12.8814489	12.3220252	11.7445027	12.8092862	9.07053015	10.7388921	9.14951311	8.94578602
<i>NRCAM</i>	0.00236124	0.42474301	7.39329724	6.7680951	6.56594077	6.96481535	7.97358683	7.92348316	8.70395225	8.45748763
<i>ORM2</i>	0.00511354	3.82826774	6.1534025	7.19668784	5.70180137	6.04787335	3.89751055	4.20373373	5.67592806	3.3240468
<i>PAEP</i>	0.0083141	0.08884643	6.76843	6.6718	6.94806	7.02895	8.00595	8.37603	8.07525	7.16545
<i>SI00A12</i>	0.00232373	3.97898962	5.61203255	6.8488888	6.52976172	6.95575669	3.73285938	5.18151433	4.16213817	3.96630919
<i>SI00A9</i>	0.00232373	3.97898962	5.61203255	6.8488888	6.52976172	6.95575669	3.73285938	5.18151433	4.16213817	3.96630919
<i>SAA4</i>	0.00207474	2.05551316	6.82823229	6.39826723	6.45069781	6.66645349	6.04622935	5.42341013	4.9226849	5.48645828
<i>SDC1</i>	0.0075914	0.48735874	8.51797459	9.03812532	8.42085884	8.14165357	9.48961545	9.70647854	9.68265454	9.68603121
<i>SOD2</i>	0.00078175	40.9562282	10.5869783	9.65449752	10.1830021	8.28093542	4.88209543	4.87726698	4.11431041	4.61020239
<i>STAT3</i>	0.00412708	3.79616973	4.88209543	6.3085295	5.76673961	6.02454895	4.26066628	3.87347693	3.64686163	4.15932674
<i>TARS</i>	0.00365672	0.49813891	7.32907	7.52063	7.37836	7.76249	8.71216	8.84384	8.32002	8.13605
<i>THBS1</i>	0.00088828	6.28157584	11.2111301	11.2299	11.1459108	10.2206037	7.97178309	8.75060394	7.95239015	6.81845554
<i>TNF</i>	9.40E-05	4.50980845	8.11290726	8.01025217	8.23929127	7.85841769	5.726613	5.81210033	5.18943856	6.27183349
<i>TP53AIP1</i>	0.00686152	0.30677867	2.10064498	2.83702332	2.79723572	3.60309849	4.61363812	4.84750613	4.2526069	4.44317103
<i>VATI</i>	0.0098171	5.68035869	8.30961818	8.04460348	9.78243274	7.36008458	6.6907511	5.14824634	4.38213199	7.15603913
<i>WNT10A</i>	0.0083653	2.22373592	5.95606016	5.38966095	5.24690203	5.14056709	4.95398956	4.29821536	3.30995213	4.4930245