

Biological process for genes selected from Healthy control (HC) vs. ENL comparison

Category	Term	Count	%	PValue	Genes	Fold Enrich	Bonferroni	Benjamini
GOTERM_	GO:000961	7	17.5	0.002117	EPHA4, DO	4.988444	0.967188	1
GOTERM_	GO:190303	4	10	0.003588	EPHA4,PLA	12.58503	0.996956	1
GOTERM_	GO:190113	7	17.5	0.004515	VCAN,NPR2	4.282407	0.999321	1
GOTERM_	GO:004206	6	15	0.005195	DOCK9,SLC	5.119926	0.999774	1
GOTERM_	GO:200123	4	10	0.006022	PLAUR,THB	10.45198	0.999941	1
GOTERM_	GO:004306	6	15	0.006506	BCL2A1,MC	4.851399	0.999973	1
GOTERM_	GO:004306	6	15	0.006746	BCL2A1,MC	4.809359	0.999982	1
GOTERM_	GO:009719	6	15	0.007041	BCL2A1,PL	4.759863	0.999989	1
GOTERM_	GO:200123	5	12.5	0.007999	PLAUR,SNA	6.085526	0.999998	1
GOTERM_	GO:001094	6	15	0.008315	BCL2A1,MC	4.571664	0.999999	1
GOTERM_	GO:190303	3	7.5	0.008965	EPHA4,PLA	20.40441	1	1
GOTERM_	GO:001988	4	10	0.011872	SLC11A1,CI	8.14978	1	1
GOTERM_	GO:190004	3	7.5	0.013434	PLAUR,THB	16.51786	1	1
GOTERM_	GO:003019	3	7.5	0.013434	PLAUR,THB	16.51786	1	1
GOTERM_	GO:190113	8	20	0.01367	VCAN,ALDH	2.967121	1	1
GOTERM_	GO:190253	5	12.5	0.014645	SOCS3,PLA	5.093612	1	1
GOTERM_	GO:005081	3	7.5	0.014993	PLAUR,THB	15.58989	1	1
GOTERM_	GO:000246	2	5	0.016697	SLC11A1,TH	115.625	1	1
GOTERM_	GO:000260	2	5	0.016697	SLC11A1,TH	115.625	1	1
GOTERM_	GO:003210	4	10	0.018286	EPHA4,SOC	6.928839	1	1
GOTERM_	GO:005508	8	20	0.018378	SLC22A23,S	2.79879	1	1
GOTERM_	GO:009719	4	10	0.020521	BCL2A1,PL	6.630824	1	1
GOTERM_	GO:005087	5	12.5	0.020553	SLC22A4,DI	4.597416	1	1
GOTERM_	GO:190156	8	20	0.02234	VCAN,PAIP	2.690909	1	1
GOTERM_	GO:004298	8	20	0.024405	SOCS3,BCL	2.642857	1	1
GOTERM_	GO:000960	10	25	0.024416	EPHA4,SOC	2.231066	1	1
GOTERM_	GO:006070	2	5	0.024944	SOCS3,SNA	77.08333	1	1
GOTERM_	GO:004306	8	20	0.02553	SOCS3,BCL	2.618542	1	1
GOTERM_	GO:001963	7	17.5	0.026421	ALDH5A1,N	2.921931	1	1
GOTERM_	GO:000916	4	10	0.027642	NPR2,NAM	5.910543	1	1
GOTERM_	GO:000693	5	12.5	0.027762	EPHA4,PLA	4.189312	1	1
GOTERM_	GO:004233	5	12.5	0.027923	EPHA4,PLA	4.181736	1	1
GOTERM_	GO:190129	4	10	0.028326	NPR2,NAM	5.85443	1	1
GOTERM_	GO:006104	3	7.5	0.029575	PLAUR,THB	10.83984	1	1
GOTERM_	GO:009040	5	12.5	0.031092	NPR2,NAM	4.042832	1	1
GOTERM_	GO:000676	3	7.5	0.031297	NAMPT,SN	10.51136	1	1
GOTERM_	GO:004409	9	22.5	0.033938	EPHA4,DO	2.262228	1	1
GOTERM_	GO:000759	4	10	0.034636	DOCK9,PLA	5.409357	1	1
GOTERM_	GO:001094	8	20	0.034983	SOCS3,BCL	2.451955	1	1
GOTERM_	GO:190204	2	5	0.035158	THBS1,ATF	54.41176	1	1
GOTERM_	GO:005081	4	10	0.038855	DOCK9,PLA	5.167598	1	1
GOTERM_	GO:000759	4	10	0.038855	DOCK9,PLA	5.167598	1	1
GOTERM_	GO:000741	6	15	0.039197	EPHA4,VCA	3.06969	1	1
GOTERM_	GO:003202	2	5	0.039214	ANK3,THBS	48.68421	1	1
GOTERM_	GO:003542	2	5	0.039214	SLC2A14,SI	48.68421	1	1

GOTERM_GO:190465	2	5	0.039214	SLC2A14,SI	48.68421	1	1
GOTERM_GO:001064	8	20	0.040263	EPHA4,SOC	2.379421	1	1
GOTERM_GO:200124	3	7.5	0.040475	PLAUR,SNA	9.128289	1	1
GOTERM_GO:003555	11	27.5	0.042428	EPHA4,SOC	1.914753	1	1
GOTERM_GO:000695	5	12.5	0.043507	SOCS3,SLC:	3.630298	1	1
GOTERM_GO:000257	2	5	0.045268	SLC11A1,TH	42.04545	1	1
GOTERM_GO:000716	5	12.5	0.045852	EPHA4,SOC	3.568673	1	1
GOTERM_GO:000716	6	15	0.047624	EPHA4,SOC	2.908805	1	1
GOTERM_GO:000911	5	12.5	0.050068	NPR2,NAM	3.467016	1	1
GOTERM_GO:003019	2	5	0.051284	THBS1,S10	37	1	1
GOTERM_GO:003020	2	5	0.051284	VCAN,CHST	37	1	1
GOTERM_GO:190004	2	5	0.051284	THBS1,S10	37	1	1
GOTERM_GO:000675	5	12.5	0.051906	NPR2,NAM	3.425926	1	1
GOTERM_GO:006070	2	5	0.053281	SOCS3,SNA	35.57692	1	1
GOTERM_GO:004273	2	5	0.053281	PLAUR,THB	35.57692	1	1
GOTERM_GO:005082	2	5	0.053281	THBS1,S10	35.57692	1	1
GOTERM_GO:003421	2	5	0.055275	SLC2A14,SI	34.25926	1	1
GOTERM_GO:005133	7	17.5	0.057773	EPHA4,DO	2.421466	1	1
GOTERM_GO:005124	6	15	0.059698	EPHA4,NPF	2.728614	1	1
GOTERM_GO:000715	8	20	0.060164	EPHA4,VCA	2.177752	1	1
GOTERM_GO:002261	8	20	0.061108	EPHA4,VCA	2.170088	1	1
GOTERM_GO:005065	2	5	0.06123	VCAN,CHST	30.83333	1	1
GOTERM_GO:007250	4	10	0.061941	SLC11A1,S1	4.272517	1	1
GOTERM_GO:190253	8	20	0.062542	EPHA4,SOC	2.158693	1	1
GOTERM_GO:003210	5	12.5	0.063198	EPHA4,SOC	3.207351	1	1
GOTERM_GO:005508	5	12.5	0.065023	NPR2,NAM	3.176511	1	1
GOTERM_GO:004328	3	7.5	0.065962	PLAUR,THB	6.9375	1	1
GOTERM_GO:000622	2	5	0.067149	CMPK2,UPI	28.0303	1	1
GOTERM_GO:005109	5	12.5	0.067948	EPHA4,NPF	3.129229	1	1
GOTERM_GO:000691	8	20	0.067981	SOCS3,BCL:	2.117916	1	1
GOTERM_GO:200123	3	7.5	0.071809	PLAUR,SNA	6.607143	1	1
GOTERM_GO:000682	4	10	0.074496	SLC22A23,S	3.952991	1	1
GOTERM_GO:000996	7	17.5	0.074767	EPHA4,SOC	2.267157	1	1
GOTERM_GO:001060	4	10	0.075999	PAIP2B,SLC	3.919492	1	1
GOTERM_GO:000739	9	22.5	0.076923	EPHA4,VCA	1.918203	1	1
GOTERM_GO:000597	5	12.5	0.078872	ALDH5A1,C	2.972365	1	1
GOTERM_GO:200011	3	7.5	0.080269	PLAUR,THB	6.194196	1	1
GOTERM_GO:009719	3	7.5	0.080885	BCL2A1,TH	6.166667	1	1
GOTERM_GO:003020	2	5	0.082755	VCAN,CHST	22.56098	1	1
GOTERM_GO:001931	3	7.5	0.084612	ALDH5A1,C	6.006494	1	1
GOTERM_GO:000834	2	5	0.084688	EPHA4,VCA	22.02381	1	1
GOTERM_GO:005065	2	5	0.086617	VCAN,CHST	21.51163	1	1
GOTERM_GO:007252	2	5	0.086617	CMPK2,UPI	21.51163	1	1
GOTERM_GO:001250	8	20	0.087205	SOCS3,BCL:	1.99784	1	1
GOTERM_GO:004206	3	7.5	0.0903	EPHA4,VCA	5.78125	1	1
GOTERM_GO:004306	5	12.5	0.090953	SOCS3,BCL:	2.827017	1	1
GOTERM_GO:000599	3	7.5	0.092221	ALDH5A1,C	5.709877	1	1

GOTERM_GO:190004	2	5	0.09238	PLAUR,THB	20.1087	1	1
GOTERM_GO:003019	2	5	0.09238	PLAUR,THB	20.1087	1	1
GOTERM_GO:004306	5	12.5	0.094427	SOCS3,BCL	2.789505	1	1
GOTERM_GO:000716	10	25	0.096074	EPHA4,SOC	1.732859	1	1
GOTERM_GO:000622	2	5	0.096203	CMPK2,UPI	19.27083	1	1
GOTERM_GO:004001	7	17.5	0.096982	EPHA4,VCA	2.116013	1	1
GOTERM_GO:004211	2	5	0.098108	SLC11A1,TF	18.87755	1	1
GOTERM_GO:000679	11	27.5	0.098295	EPHA4,SOC	1.650178	1	1
GOTERM_GO:000679	11	27.5	0.09931	EPHA4,SOC	1.646973	1	1

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