

Supplementary File 4:
Transcripts over-represented
in β cells of NOD mice
treated with I-BET151

Probe ID	Gene Symbol	FC IBET/DMSO	P value
10563597	Saa3	16.20	0.033
10358476	Prg4	9.56	0.024
10539179	Reg3b	8.42	0.038
10363224	Fabp7	7.46	0.014
10464905	Npas4	4.87	0.025
10476512	Snap25	4.76	0.018
10349968	Chi3l1	4.76	0.045
10512279	Cntfr	4.64	0.017
10367582	Vip	4.63	0.003
10539194	Reg2	4.21	0.036
10458247	Lrrtm2	4.11	0.029
10399407	Vsnl1	4.06	0.019
10539186	Reg3a	3.97	0.037
10602688	Usp51	3.91	0.030
10545561	Reg3d	3.83	0.011
10570741	Defb1	3.75	0.024
10467887	Cpn1	3.71	0.012
10547282	Zfp9	3.64	0.024
10462912	Lgi1	3.63	0.028
10484276	Neurod1	3.61	0.030
10443690	Glp1r	3.28	0.025
10545569	Reg3g	2.94	0.034
10527565	Pdx1	2.82	0.023
10474312	Pax6	2.79	0.030
10493052	Insrr	2.70	0.038
10531790	Nkx6-1	2.69	0.020
10488366	Nkx2-2	2.61	0.027
10580522	Tox3	2.59	0.027
10596200	Tmem108	2.59	0.030
10531100	Sult1d1	2.58	0.036
10349157	Serpib2	2.58	0.023
10529605	Wfs1	2.57	0.024
10428619	Enpp2	2.56	0.041
10598603	Syt15	2.56	0.029
10398442	Mir410	2.56	0.036
10420730	Fdft1	2.56	0.022
10454192	Ttr	2.56	0.026
10568318	Prss53	2.56	0.029
10379765	Hnf1b	2.55	0.012
10578916	Sc4mol	2.53	0.042
10494735	Gdap2	2.52	0.032
10506594	Acot11	2.50	0.023
10571567	Sorbs2	2.50	0.029
10602009	Rnf128	2.50	0.028
10506004	Hook1	2.48	0.038
10526277	Mlxipl	2.48	0.032
10595033	Scg3	2.48	0.036
10543120	Ica1	2.48	0.036
10601312	Chic1	2.48	0.036
10357535	Pfkfb2	2.47	0.030
10347036	Mtap2	2.46	0.034
10359754	Mpzl1	2.46	0.034
10362379	Echdc1	2.44	0.010
10511819	Khlh32	2.44	0.030

10545242	Igk-V19-20	2.44	0.050
10561927	Aplp1	2.44	0.030
10477644	Trp53inp2	2.43	0.021
10602068	Mid2	2.43	0.033
10346878	Zdbf2	2.43	0.042
10442887	Fbxl16	2.42	0.027
10603814	Slc9a7	2.42	0.036
10355024	Ica1l	2.42	0.020
10463355	Scd2	2.42	0.029
10502224	Sgms2	2.41	0.029
10503218	Chd7	2.40	0.037
10528008	Steap2	2.40	0.019
10363455	Pcbd1	2.40	0.012
10483719	Chn1	2.40	0.027
10419015	Cdhr1	2.40	0.034
10473312	Fam171b	2.39	0.036
10488387	Napb	2.39	0.018
10492964	Cd5l	2.38	0.020
10368527	Hint3	2.38	0.023
10377431	Vamp2	2.38	0.015
10398432	Mir377	2.38	0.050
10531869	Mapk10	2.38	0.027
10411804	Mast4	2.37	0.036
10362472	Rsph4a	2.37	0.019
10482772	Nr4a2	2.36	0.031
10529979	Ppargc1a	2.36	0.027
10398075	Serpina3n	2.36	0.018
10476633	Pcsk2	2.36	0.039
10554240	Isg20	2.36	0.020
10606315	Taf9b	2.36	0.010
10384064	Camk2b	2.35	0.029
10474814	Disp2	2.35	0.041
10381574	Rundc3a	2.34	0.030
10508770	Gm13033	2.34	0.030
10559790	Zim1	2.34	0.028
10428089	Nipal2	2.34	0.022
10505705	Sh3gl2	2.34	0.023
10463997	Pdcd4	2.33	0.027
10506883	Rab3b	2.33	0.006
10411332	Hmgcr	2.33	0.037
10423024	Capsl	2.33	0.028
10445338	Enpp5	2.33	0.036
10496854	Ttll7	2.33	0.026
10485979	Gjd2	2.32	0.033
10402195	Tc2n	2.32	0.007
10530615	Ociad2	2.32	0.016
10596051	Tmem22	2.32	0.042
10431915	Slc38a4	2.32	0.032
10369481	H2afy2	2.31	0.016
10379215	Ift20	2.31	0.016
10475378	Casc4	2.31	0.038
10565627	Aqp11	2.31	0.025
10380303	Car10	2.31	0.026
10406229	Pcsk1	2.31	0.031
10481627	Lcn2	2.30	0.044
10575153	Cyb5b	2.30	0.025
10473349	Ypel4	2.30	0.024
10499412	Rab25	2.30	0.008
10359689	Atp1b1	2.29	0.030
10462507	Papss2	2.29	0.033
10359851	Uck2	2.29	0.029
10407431	Ucn3	2.29	0.025
10514240	Slc24a2	2.29	0.029

10368918	Sobp	2.29	0.023
10368577	Rnf217	2.28	0.032
10491171	Slc2a2	2.28	0.037
10373515	Suox	2.28	0.025
10388880	Tmem97	2.28	0.001
10415980	Fbxo16	2.28	0.030
10442238	110052M02R	2.27	0.013
10408268	Scgn	2.27	0.028
10464030	Adra2a	2.27	0.028
10501374	330417C22Ri	2.27	0.030
10501802	Tmem56	2.27	0.043
10574259	Gpr56	2.27	0.033
10392910	630004H02R	2.26	0.036
10406852	Cnn3	2.26	0.041
10478374	Gdap1l1	2.26	0.023
10359908	Rgs4	2.26	0.037
10364784	Reep6	2.26	0.024
10557124	Scnn1b	2.26	0.023
10499483	Fdps	2.25	0.025
10368101	D10Bwg1379c	2.24	0.042
10465701	Lgals12	2.24	0.023
10351971	Fmn2	2.24	0.037
10423030	Prlr	2.24	0.035
10474229	Cd59a	2.24	0.020
10573979	Gnao1	2.24	0.030
10601296	---	2.24	0.024
10412466	Hmgcs1	2.24	0.044
10559796	Peg3	2.24	0.043
10345762	Il1r1	2.23	0.033
10422244	Slitrk6	2.23	0.025
10519855	Cacna2d1	2.23	0.033
10513869	Megf9	2.23	0.034
10486710	Lcmt2	2.22	0.016
10538247	Npy	2.22	0.006
10453256	Kcng3	2.22	0.033
10531653	Tmem150c	2.22	0.025
10532944	Mlec	2.22	0.028
10534021	Rimbp2	2.22	0.036
10430438	Ankrd54	2.21	0.013
10344679	St18	2.21	0.036
10556426	Parva	2.21	0.023
10582545	Mela	2.21	0.056
10479761	Meig1	2.19	0.008
10385096	Kcnip1	2.19	0.037
10516064	Mfsd2a	2.19	0.031
10535174	Tmem184a	2.19	0.029
10456353	Grp	2.19	0.028
10533401	Cux2	2.18	0.022
10534395	Cldn4	2.18	0.042
10359849	Uck2	2.18	0.032
10447100	Morn2	2.18	0.016
10495794	Pde5a	2.18	0.019
10495993	Elovl6	2.18	0.031
10497663	Slc7a14	2.18	0.036
10361191	Syt14	2.17	0.036
10384940	Erlec1	2.17	0.023
10404792	Phactr1	2.17	0.037
10415784	Trim13	2.17	0.004
10427075	Krt18	2.17	0.036
10481518	Ptges	2.17	0.031
10547322	Cacna1c	2.17	0.034
10456836	St8sia5	2.17	0.024
10399308	Fkbp1b	2.17	0.016

10354529	700019D03Ri	2.17	0.037
10489463	Sipi	2.17	0.037
10357371	Tmem163	2.16	0.020
10358027	Elf3	2.16	0.038
10356154	Sphkap	2.16	0.030
10387855	Alox15	2.16	0.037
10414192	Mat1a	2.16	0.027
10590306	Entpd3	2.16	0.024
10361642	Lrp11	2.16	0.036
10365408	Ric8b	2.16	0.031
10390691	Nr1d1	2.16	0.033
10455374	Stk32a	2.16	0.045
10509063	Il22ra1	2.16	0.006
10519612	1330182L06Ri	2.16	0.046
10590830	AK129341	2.16	0.027
10596718	Slc38a3	2.16	0.006
10398420	Mir382	2.15	0.048
10427402	Ghr	2.15	0.030
10355813	Ptpn	2.14	0.027
10399121	Ptpn2	2.14	0.034
10510413	Gm572	2.14	0.030
10472235	Dapl1	2.14	0.016
10400170	Prkd1	2.14	0.030
10430956	Cyb5r3	2.14	0.018
10494069	Celf3	2.13	0.030
10463737	Ina	2.13	0.018
10551852	Clip3	2.13	0.020
10424349	Sqle	2.13	0.042
10495285	Sort1	2.13	0.021
10556442	Tead1	2.13	0.025
10469622	Gpr158	2.12	0.035
10451363	Srf	2.12	0.027
10598359	Syp	2.12	0.031
10485170	Cry2	2.12	0.031
10403658	Gng4	2.11	0.021
10559580	Syt5	2.11	0.030
10509441	Ece1	2.11	0.032
10564343	Tjp1	2.11	0.038
10574033	Nup93	2.11	0.036
10389795	Stxbp4	2.11	0.017
10412909	Fdft1	2.11	0.030
10419223	Fermt2	2.11	0.034
10498907	Glrb	2.11	0.039
10527323	Bhlha15	2.11	0.002
10503222	Chd7	2.10	0.036
10453373	Prepl	2.10	0.033
10598493	Pcsk1n	2.10	0.017
10347073	Unc80	2.10	0.035
10361023	Prox1	2.10	0.039
10423049	Prlr	2.10	0.051
10437210	Bace2	2.10	0.039
10604564	Gpc4	2.10	0.034
10356968	Pam	2.10	0.043
10466963	1930021J03Ri	2.10	0.029
10501811	Slc44a3	2.10	0.035
10457942	Syt4	2.10	0.032
10486041	Meis2	2.10	0.025
10389674	Dynll2	2.09	0.017
10507015	Agbl4	2.09	0.026
10350951	Tnr	2.09	0.020
10396952	Ttc9	2.09	0.040
10442236	110052M02R	2.09	0.031
10530089	Cckar	2.09	0.009

10404702	Gcnt2	2.08	0.036
10432032	Vdr	2.08	0.023
10433782	Efcab1	2.08	0.031
10353192	Eya1	2.08	0.026
10434668	Tmem97	2.07	0.002
10542917	Hepacam2	2.07	0.039
10553773	Gabrb3	2.07	0.032
10599927	Aff2	2.07	0.034
10474972	Chac1	2.07	0.024
10433163	Ppp1r1a	2.07	0.021
10463732	Ina	2.07	0.029
10502205	Hadh	2.07	0.027
10531034	Ugt2b34	2.07	0.041
10535577	Tmem130	2.07	0.023
10386211	Fam183b	2.07	0.014
10440918	Tmem50b	2.07	0.019
10498210	Nbea	2.07	0.039
10554269	Abhd2	2.07	0.038
10422512	A2ld1	2.06	0.011
10344805	Cspp1	2.06	0.017
10474936	Spint1	2.06	0.029
10598626	Tspan7	2.06	0.028
10355960	Scg2	2.06	0.037
10443535	Tbc1d22b	2.06	0.032
10563487	Abcc8	2.06	0.041
10398362	AF357355	2.05	0.047
10424086	Slc30a8	2.05	0.045
10369835	Phyhipl	2.05	0.017
10511560	Esrp1	2.05	0.039
10432918	Krt8	2.05	0.030
10360418	Rgs7	2.05	0.048
10377673	Cldn7	2.05	0.041
10453518	Nrxn1	2.05	0.043
10484307	Frzb	2.05	0.035
10385495	Cdk2ap1	2.04	0.009
10512807	Gabbr2	2.04	0.039
10551215	Rnf170	2.04	0.013
10551966	Hspb6	2.04	0.028
10579799	Tmem184c	2.04	0.026
10496438	Adh1	2.04	0.040
10549842	Zfp667	2.04	0.033
10378568	Mir22	2.04	0.022
10603746	Maob	2.04	0.034
10603573	Syt15	2.04	0.037
10397882	Chga	2.03	0.040
10432404	Tuba1a	2.03	0.029
10565873	Ppme1	2.03	0.041
10579724	Slc35e1	2.03	0.028
10417807	Kcnk16	2.03	0.028
10466886	Glis3	2.03	0.026
10430804	Pppde2	2.02	0.024
10531149	Gc	2.02	0.033
10409330	I833439L19Ri	2.02	0.022
10533807	Cdk2ap1	2.02	0.009
10383671	Drg1	2.02	0.009
10411519	Mtap1b	2.02	0.036
10464471	Gal	2.02	0.017
10519770	Pclo	2.02	0.030
10540401	Lrrn1	2.00	0.026
10585851	Hcn4	2.00	0.032