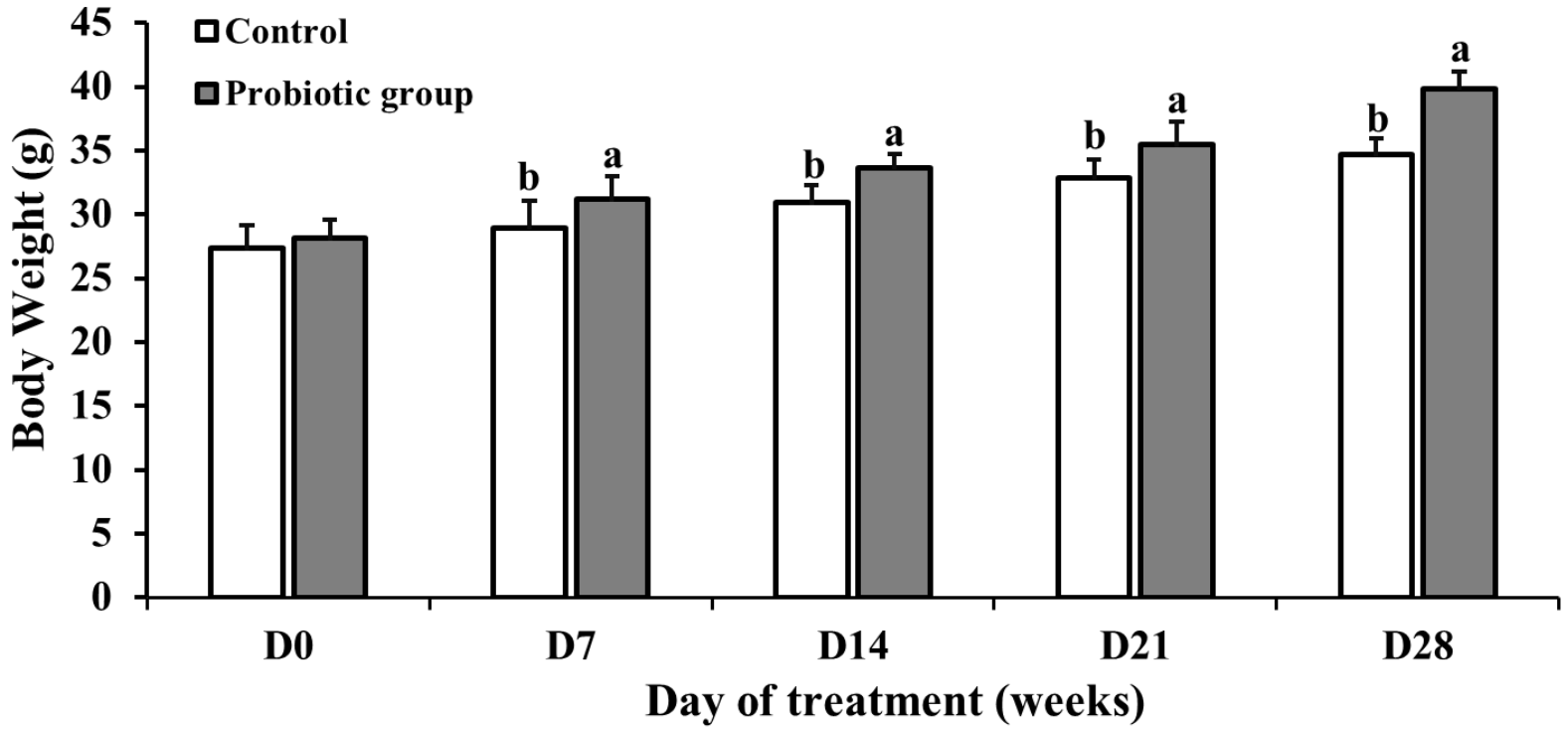
Supplementary Figure S1



Supplementary Table S1

	Control D14			Control D28			Treatment D14			Treatment D28		
	M01	**M02**	**M03**	**M07**	**M08**	**M09**	**M14**	**M15**	**M16**	**M22**	**M24**	**M25**
Raw data												
Total Reads	43.199.982	55.730.236	53.744.910	56.381.812	53.241.122	52.618.524	49.116.450	50.564.288	42.920.088	54.506.964	40.844.894	52.567.406
Total Bases	6.479.997.300	8.359.535.400	8.061.736.500	8.457.271.800	7.986.168.300	7.892.778.600	7.367.467.500	7.584.643.200	6.438.013.200	8.176.044.600	6.126.734.100	7.885.110.900
Q20 (%)	96,79	96,71	95,87	96,43	96,44	96,42	96,46	96,45	96,44	96,45	94,2	96,31
Q30 (%)	92,62	92,22	90,45	91,97	92,3	92,27	92,14	92,2	92,14	92,18	86,7	92,02
GC (%)	56,63	56,6	57,02	57,54	57,94	57,03	57,33	56,59	56,65	57,76	54,79	56,45
N (ppm)	5,16	4,7	4,12	4,87	4,69	4,81	4,96	4,83	4,95	4,65	2,91	4,81
Cleaned data												
Reads	42.911.552	48.823.098	50.244.036	42.643.596	55.395.602	54.159.132	40.657.866	52.214.908	53.423.404	56.031.206	52.918.544	52.237.852

Bases	6.410.435.567	7.288.621.586	7.498.738.773	6.365.193.942	8.274.715.290	8.083.387.968	6.062.230.310	7.785.794.505	7.970.655.664	8.362.032.636	7.896.179.239	7.796.134.469
Q20 (%)	97,19	96,89	96,9	96,89	97,09	96,91	94,66	96,86	96,34	96,89	96,91	96.92
Q30 (%)	93,09	92,63	92,73	92,65	92,66	92,71	87,18	92,64	90,99	92,49	92,84	92.85
GC (%)	93,09	92,63	92,73	92,65	92,66	92,71	87,18	92,64	90,99	92,49	92,84	92.85
N (ppm)	2,92	2,97	2,94	2,84	2,91	2,99	1,59	2,98	2,58	2,94	2,98	2.93
Mapped												
Exon (%)	51,15	53,13	55,62	49,95	48,99	48,7	52,47	52,62	53,55	47,68	58,3	47,96
Intergenic (%)	12,72	11,03	11,04	14,11	13,25	11	14,59	12,22	13,82	13,82	12,78	11,56
Intron (%)	36,23	35,84	33,34	36,44	37,76	40,3	32,94	35,16	32,63	38,5	28,92	40,68
Total mapped	26.707.292 (62.23%)	34.847.313 (62.90%)	32.588.280 (61%)	33.280.729 (59.39%)	30.269.745 (57.20%)	32.634.769 (62.47%)	29.377.573 (60.17%)	31.169.424 (62.03%)	26.059.418 (61.10%)	32.284.297 (59.61%)	27.778.206 (68.32%)	32.419.427 (62.08%)
Multiple mapped	4.456.633 (10.38%)	6.453.548 (11.64%)	6.521.408 (12.20%)	5.427.444 (9.68%)	5.202.060 (9.83%)	6.048.032 (11.57%)	4.044.075 (8.28%)	4.649.951 (9.25%)	3.483.276 (8.16%)	5.094.525 (9.40%)	3.007.180 (7.39%)	5.996.718 (11.48%)
Uniquely mapped	22.250.659 (51.85%)	28.393.765 (51.25%)	26.066.872 (48.79%)	27.853.285 (49.71%)	25.067.685 (47.37%)	26.586.737 (50.89%)	25.333.498 (51.88%)	26.519.473 (52.78%)	22.576.142 (52.94%)	27.189.772 (50.20%)	24.771.026 (60.92%)	26.422.709 (50.60%)
Number of Genes	25177	32609	25476	30792	27904	25754	29880	32003	29509	30919	28839	24828

Supplementary Table S2A

No	log2FoldChange	Regulation	pvalue	GeneSymbol	Description
1	-10,816,970,187,416	Down	0.0005376	Adrb2	adrenergic receptor%2C beta 2 [MGI:87938]
2	-483,417,119,767,682	Down	1.45E-02	Ank1	ankyrin 1%2C erythroid [MGI:88024]
3	-144,527,681,797,704	Down	1.22E-05	Arrb1	arrestin%2C beta 1 [MGI:99473]
4	-325,069,705,693,279	Down	0.00010329	Asic5	acid-sensing (proton-gated) ion channel family member 5 [MGI:1929259]
5	-160,266,512,503,945	Down	2.81E-02	Atp2b4	ATPase%2C Ca++ transporting%2C plasma membrane 4 [MGI:88111]
6	-343,380,632,049,089	Down	0.000127	Cacna1g	calcium channel%2C voltage-dependent%2C T type%2C alpha 1G subunit [MGI:1201678]
7	-241,922,854,405,425	Down	0.003353	Ccl28	chemokine (C-C motif) ligand 28 [MGI:1861731]
8	-214,632,537,480,107	Down	8.49E-29	Ccl1	chemokine (C-C motif) ligand 1 [MGI:98258]
9	-112,781,139,803,128	Down	2.37E+07	Cxcl2	chemokine (C-X-C motif) ligand 2 [MGI:1340094]
10	13,450,487,601,445	Ups	0.026989	Cxcl5	chemokine (C-X-C motif) ligand 5 [MGI:1096868]
11	20,382,068,070,276	Ups	5.99E+09	Ccl24	chemokine (C-C motif) ligand 24 [MGI:1928953]
12	113,220,977,396,178	Ups	0.000435	Ccl19	chemokine (C-C motif) ligand 19 [MGI:1346316]
13	115,043,957,321,004	Ups	2.58E-03	Cxcr6	chemokine (C-X-C motif) receptor 6 [MGI:1934582]
14	116,400,312,581,627	Ups	1.08E+00	Xcl1	chemokine (C motif) ligand 1 [MGI:104593]
15	116,847,167,025,075	Ups	0.01569	Ccl17	chemokine (C-C motif) ligand 17 [MGI:1329039]
16	117,613,726,547,613	Ups	0.0001170	Ccl5	chemokine (C-C motif) ligand 5 [MGI:98262]
17	117,613,726,547,613	Ups	1.05E+08	Ccl5	chemokine (C-C motif) ligand 5 [MGI:98262]
18	122,876,839,245,862	Ups	3.43E+09	Cxcl11	chemokine (C-X-C motif) ligand 11 [MGI:1860203]