

**Names of genes whose expression values match PCA clusters**

Multivariate analysis was used to identify the genes whose expression values were significantly different (FDR  $P < 0.01$ ) between group 1 (DBA/2 and 129SvIm), group 2 (A/J and SM) and group 3 (C57BL/6 and Balb/c) on day 3 and between the resistant (SM, C57BL/6 and Balb/c) and susceptible (DBA/2, 129SvIm, A/J) strains on day 7

**Gene**

Adamts4	Irf5
Adm	Irg1
Al607873	Isg15
Alox5ap	Kif26b
Apol6	Lif
Atp2a3	Lilrb4
Bex2	Lrp8
Ccdc86	Ly6c1
Ccl2	March5
Ccl3	Mt2
Ccl4	Mx1
Ccl7	Mxd1
CD274	Naa25
Cd300lf	Ngef
Cdkn1a	Noxo1
Cebpb	Nrn1
Clec4e	Oasl1
Cmpk2	Pira2
Csf2	Pira3
Csf3	Pla1a
Csnk1d	Plaur
Ctsf	Plunc
Daxx	Pstpip1
Ddo	Ptpro
Dhx58	Ptx3
Dpep2	Riok3
Enc1	Rnf19b
Fam107a	Rsad2
Fst	Sap30
Gadd45g	Slc39a14
Gm14085	Slfm2
Gng12	Snhg12
Gp49a	Srgn
Gpr35	Tlr13
Gpt1	Tnfrsf12a
Guk1	Tor3a
Hmga1	Trafd1
Iffit2	Trex1
Ifnb1	Tspo
Il15ra	Ttc39b
Il18	Upp1
Il1r2	Vcan
Il6	