

Table 3: Multivariate linear regression analysis of microglial basal gene expression. Data show intercept (control animal receiving saline in postnatal period), β (SE) and p-values for sex and time of postnatal LPS exposure for each gene. ns, not significant

CORTEX	IL6	iNOS	Arg-1	Ptgs2	C/EBP	Cxcl10	CD14	CD68	Tmem119	P2Y12
intercept	1.01 (0.08)	1.15 (0.11)	1.26 (0.19)	1.03 (0.08)	1.06 (0.08)	1.37 (0.48)	1.07 (0.07)	1.04 (0.06)	1.06 (0.06)	1.07 (0.08)
Sex (F)	0.05 (0.10) ns	-0.00 (0.13) ns	-0.28 (0.22) ns	0.04 (0.10) ns	-0.00 (0.09) ns	-0.70 (0.58) ns	-0.01 (0.08) ns	0.00 (0.08) ns	-0.05 (0.07) ns	0.00 (0.10) ns
P7	-0.18 (0.13) ns	-0.36 (0.18) ns	0.27 (0.31) ns	0.00 (0.13) ns	-0.22 (0.13) ns	2.07 (0.80) p<0.0120	-0.16 (0.11) ns	0.04 (0.10) ns	0.01 (0.10) ns	-0.03 (0.14) ns
P12	0.10 (0.14) ns	-0.16 (0.19) ns	0.70 (0.31) P<0.0303	0.03 (0.14) ns	0.23 (0.14) ns	0.15 (0.83) ns	0.08 (0.11) ns	0.22 (0.11) P<0.0488	0.12 (0.10) ns	0.05 (0.146) ns
P18	-0.33 (0.14) P<0.0218	-0.18 (0.18) ns	-0.00 (0.32) ns	-0.00 (0.14) ns	0.02 (0.13) ns	0.13 (0.82) ns	-0.19 (0.11) ns	-0.05 (0.11) ns	-0.07 (0.10) ns	0.02 (0.14) ns
CERVICAL SC	IL6	iNOS	Arg-1	Ptgs2	C/EBP	Cxcl10	CD14	CD68	Tmem119	P2Y12
intercept	1.06 (0.08)	1.22 (0.13)	1.08 (0.24)	1.14 (0.09)	1.18 (0.13)	1.03 (0.07)	1.11 (0.10)	1.02 (0.06)	1.17 (0.12)	1.00 (0.06)
Sex (F)	0.04 (0.09) ns	-0.05 (0.16) ns	0.12 (0.29) ns	-0.06 (0.11) ns	-0.03 (0.16) ns	0.06 (0.08) ns	-0.01 (0.12) ns	0.02 (0.08) ns	-0.04 (0.14) ns	-0.01 (0.07) ns
P7	-0.36 (0.14) p<0.0122	-0.12 (0.23) ns	-0.04 (0.41) ns	-0.12 (0.15) ns	-0.36 (0.23) ns	0.10 (0.12) ns	-0.15 (0.18) ns	0.18 (0.11) ns	0.06 (0.20) ns	-0.06 (0.10) ns
P12	-0.19 (0.14) ns	-0.47 (0.23) P<0.0506	0.01 (0.43) ns	-0.32 (0.16) p<0.0518	-0.22 (0.23) ns	0.03 (0.12) ns	-0.03 (0.18) ns	-0.02 (0.12) ns	-0.10 (0.21) ns	-0.02 (0.11) ns
P18	-0.22 (0.13) ns	-0.41 (0.21) ns	0.50 (0.40) ns	-0.14 (0.1) ns	0.08 (0.21) ns	0.09 (0.11) ns	0.04 (0.17) ns	0.03 (0.11) ns	0.18 (0.19) ns	0.01 (0.10) ns