

Activation of the β_1 epithelial sodium channel (ENaC) leads to cytokine profile shift to pro-inflammatory in labor

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Appendix

Appendix Table S1

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Figure	Panel	Comparison	p-value
Figure 1	A	16 d.p.c. vs 15 d.p.c.	0.9943
		17 d.p.c. vs 15 d.p.c.	8.991E-07
		18 d.p.c. vs 15 d.p.c.	4E-10
		19 d.p.c. vs 15 d.p.c.	4.7E-14
		1 d.p.p. vs 15 d.p.c.	0.0279
		2 d.p.p. vs 15 d.p.c.	0.0239
	B	15 d.p.c. vs 19 d.p.c.	0.0082
Figure 2	B	Ctrl vs Stretch	6.00E-08
		Stretch vs Stretch+Ami	7.3E-11
	C	(IL-6) DMSO vs DMSO+Stretch	1.89274E-05
		(IL-6) DMSO +Stretch vs Ami+Stretch	0.0011
		(TNF α) DMSO vs DMSO+Stretch	2.86772E-07
		(TNF α) DMSO +Stretch vs Ami+Stretch	3.60872E-05
	D	shNC vs shENaC α	0.0021
	E	(IL-6) shNC vs shNC+Stretch	0.0045
		(IL-6) shNC+Stretch vs shENaC+Stretch	0.0057
		(IL-8) shNC vs shNC+Stretch	0.0002
		(IL-8) shNC+Stretch vs shENaC+Stretch	0.0005
		(TNF α) shNC vs shNC+Stretch	0.0359
		(TNF α) shNC+Stretch vs shENaC+Stretch	0.0003
		(COX-2) shNC vs shNC+Stretch	0.0004
		(COX-2) shNC+Stretch vs shENaC+Stretch	0.0012
	F	Ctrl vs Stretch	0.0005
		Stretch vs Stretch+Ami 10 μ M	0.0194
		Stretch vs Stretch+Ami 50 μ M	0.0323
	G	Ctrl vs Stretch	0.0006
		Stretch vs Stretch+Ami 10 μ M	0.0007
		Stretch vs Stretch+Ami 50 μ M	0.0003
	H	(ENaC α / β -tubulin) Ctrl vs Stretch	0.0273
		(Cleaved ENaC α / β -tubulin) Ctrl vs Stretch	0.0196
		(COX-2/ β -tubulin)	0.0453

Figure 3	D	Intact vs De-epi	0.0162
	E	DMSO vs Ami 10 μ M	0.0176
		DMSO vs Ami 50 μ M	0.0047
		DMSO vs Ami 200 μ M	0.0001
	F	15 d.p.c. vs 19 d.p.c.	1.45E-06
Figure 4			
	A	ENaC α / β -tubulin (Ctrl vs RU486)	0.0382
		Cleaved ENaC α / β -tubulin (Ctrl vs RU486)	0.0013
	B	Ctrl vs Ami 10 mg/kg	0.0095
		Ctrl vs Ami 20 mg/kg	0.0204
		Ctrl vs Ami 30 mg/kg	0.000032
		Ctrl vs Ami 40 mg/kg	3.3E-09
		Ctrl vs Atosiban	0.0503
	C	siNC vs siENaC	0.0461
Figure 5	B	(ENaC α / β -tubulin)Term vs Preterm	0.0002
		(ENaC β / β -tubulin)Term vs Preterm	0.2677
		(ENaC γ / β -tubulin)Term vs Preterm	0.1990
Figure EV1		Ctrl vs Stretch	0.015
		Stretch vs Stretch + Ami 10 μ M	0.0157
Figure EV3	A	(ENaC α) Ctrl vs LPS	0.18
		(ENaC γ) Ctrl vs LPS	0.0144
	B	LPS vs LPS+ Ami	0.1632
Figure EV4		All_NonPROM vs All_PROM	0.0508