

Tabel S4 Data used for QPCR analysis

gene	group	Ct	GADPH Ct	$\Delta$ Ct	$\Delta \Delta$ Ct	
Bmp4	control1	26.72	16.77	9.95		
	control2	27	16.84	10.16		
	control3	27.13	16.81	10.32		
	control4	27.5	16.82	10.68		
	control5	27.6	16.8	10.8		
		Mic-PS 1	25.87	14.93	10.94	0.99
		Mic-PS 2	25.83	14.93	10.9	0.74
		Mic-PS 3	25.14	14.03	11.11	0.79
		Mic-PS 4	25.06	14.01	11.05	0.37
		Mic-PS 5	24.18	13.01	11.17	0.37
						0
		H2S+Mic-PS1	24.34	14.19	10.15	0.2
		H2S+Mic-PS2	24.86	14.27	10.59	0.43
		H2S+Mic-PS3	24.43	14.01	10.42	0.1
		H2S+Mic-PS4	25.91	14.78	11.13	0.45
		H2S+Mic-PS5	25.43	14.21	11.22	0.42
						0
		H2S1	25.17	15.23	9.94	-0.01
		H2S2	25.51	15.43	10.08	-0.08
		H2S3	25.5	15.01	10.49	0.17
		H2S4	25.48	14.76	10.72	0.04
		H2S5	25.99	15.01	10.98	0.18
	Myh6	control1	25.38	16.77	8.61	
		control2	25.61	16.84	8.77	
control3		25.35	16.81	8.54		
control4		25.64	16.82	8.82		
control5		25.27	16.8	8.47		
		Mic-PS 1	24.37	14.93	9.44	0.83
		Mic-PS 2	24.33	14.93	9.4	0.63
		Mic-PS 3	23.35	14.03	9.32	0.78
		Mic-PS 4	23.89	14.01	9.88	1.06
		Mic-PS 5	22.45	13.01	9.44	0.97
						0
		H2S+Mic-PS1	23.01	14.19	8.82	0.21
		H2S+Mic-PS2	23.28	14.27	9.01	0.24
		H2S+Mic-PS3	22.8	14.01	8.79	0.25
		H2S+Mic-PS4	24.08	14.78	9.3	0.48
		H2S+Mic-PS5	22.97	14.21	8.76	0.29
						0
		H2S1	23.89	15.23	8.66	0.05
		H2S2	24.42	15.43	8.99	0.22
		H2S3	23.72	15.01	8.71	0.17
		H2S4	23.63	14.76	8.87	0.05
		H2S5	23.71	15.01	8.7	0.23
						0
Actc1		control1	27.98	16.77	11.21	
	control2	28.53	16.84	11.69		
	control3	27.98	16.81	11.17		
	control4	27.94	16.82	11.12		
	control5	27.33	16.8	10.53		
		Mic-PS 1	27.69	14.93	12.76	1.55
		Mic-PS 2	27.59	14.93	12.66	0.97

Mic-PS 3	26.64	14.03	12.61	1.44
Mic-PS 4	26.13	14.01	12.12	1
Mic-PS 5	24.35	13.01	11.34	0.81
			0	
H2S+Mic-PS1	25.98	14.19	11.79	0.58
H2S+Mic-PS2	26.52	14.27	12.25	0.56
H2S+Mic-PS3	25.38	14.01	11.37	0.2
H2S+Mic-PS4	26.32	14.78	11.54	0.42
H2S+Mic-PS5	25.38	14.21	11.17	0.64
			0	
H2S1	26.58	15.23	11.35	0.14
H2S2	27.24	15.43	11.81	0.12
H2S3	26.26	15.01	11.25	0.08
H2S4	26.09	14.76	11.33	0.21
H2S5	25.82	15.01	10.81	0.28

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