

Planell N et al. Supplementary Material

Supplementary Table 3. Comparison of relative changes in gene expression as assessed by microarray and real-time RT-PCR analysis. Microarray analysis was performed for 36 samples (cohort 1) and real-time RT-PCR for an independent group of 30 individuals (cohort2). Gene expression differences between groups are expressed as log₂ ratio. Technical validation was performed by Pearson's correlation test on 15 samples from cohort 1 that had been analyzed by both methods. A p-value < 0.05 was considered statistically significant.

Gene Symbol	Microarray (cohort 1)		Real-time RT-PCR (cohort 2)		Pearson correlation(r)	p-value
	log ₂ ratio	log ₂ ratio	log ₂ ratio	log ₂ ratio		
	CUI/Ctrl	CUA+/Ctrl	CUI/Ctrl	CUA+ / Ctrl		
ABCB11	-2.049	-2.117	-0.061	-1.299	0.817	0.0002
ABCG2	-4.828	-5.766	-2.237	-3.055	0.985	3.23x10 ⁻¹¹
ACOX1	-2.137	-1.769	-0.957	-1.117	0.936	3.04x10 ⁻⁰⁷
ACSL4	1.508	1.802	1.237	2.602	0.894	6.87x10 ⁻⁰⁶
ADH6	-1.757	-1.353	-0.729	-1.191	0.927	6.49x10 ⁻⁰⁷
AQP3	2.697	2.265	2.015	1.624	0.949	6.55x10 ⁻⁰⁸
AQP8	-5.658	-8.614	-3.238	-5.901	0.964	3.04x10 ⁻⁰⁸
CCL18	1.254	3.930	0.548	2.754	0.980	1.46x10 ⁻¹⁰
CCL20	0.295	2.054	0.874	0.484	0.991	7.36x10 ⁻¹²
CD180	0.580	1.319	0.658	1.684	0.877	1.80x10 ⁻⁰⁵
CHI3L1	1.865	6.871	3.619	9.290	0.939	2.19x10 ⁻⁰⁷
COL1A2	1.101	2.521	0.155	2.805	0.974	9.51x10 ⁻¹⁰
CXCL1	1.140	5.437	0.928	4.398	0.980	1.79x10 ⁻¹⁰
CXCL3	1.125	4.436	0.932	3.526	0.989	3.16x10 ⁻¹²
CXCL5	-0.137	6.092	2.004	5.529	0.974	9.32x10 ⁻⁰⁸
DEFB1	-3.198	-3.687	-0.945	-1.710	0.970	2.43x10 ⁻⁰⁹
DEFB4	0.287	5.919	---	---	-0.158	0.6622
GJA1	2.382	2.857	1.057	2.071	0.921	1.08x10 ⁻⁰⁶
IGHG3	0.004	2.874	0.432	5.894	0.828	0.0159
IL1B	0.411	4.524	1.402	4.226	0.988	4.40x10 ⁻¹¹
IL1RN	4.910	6.035	2.990	3.667	0.977	2.19x10 ⁻⁰⁹
IL6R	-0.967	-1.068	-0.512	-0.771	0.829	0.0001
IL7R	1.742	2.918	0.379	1.243	0.941	5.36x10 ⁻⁰⁷
IL8	-0.441	4.986	0.710	4.887	0.970	1.05x10 ⁻⁰⁸
IRF6	-0.873	-0.836	-0.366	-0.951	0.860	3.92x10 ⁻⁰⁵
LILRB1	1.257	1.929	---	---	0.343	0.2112
LILRB2	0.811	2.161	0.882	2.868	0.820	0.0002
ME1	2.301	2.795	2.727	2.509	0.977	4.61x10 ⁻¹⁰
MEP1B	-3.487	-3.182	-1.161	-0.780	0.940	2.00x10 ⁻⁰⁷
MMP1	4.622	6.949	3.783	6.805	0.968	3.55x10 ⁻⁰⁹
MMP10	1.390	5.597	3.376	5.610	0.908	2.84x10 ⁻⁰⁶
MMP3	3.446	7.474	4.497	8.471	0.878	1.69x10 ⁻⁰⁵
MUC20	-0.936	-0.470	-0.074	-0.598	0.888	9.80x10 ⁻⁰⁶
MUC4	1.070	1.519	0.517	0.343	0.907	3.15x10 ⁻⁰⁶
MUC5B	1.723	1.790	0.798	0.950	0.864	0.0002
NFKBIZ	0.136	1.903	0.072	1.560	0.964	8.03x10 ⁻⁰⁹
OSTalpha	-4.591	-4.554	0.986	-0.283	0.942	1.53x10 ⁻⁰⁷
PRAP1	-4.201	-4.102	-1.672	-1.073	0.986	1.54x10 ⁻¹¹
REG1A	0.498	10.822	1.757	10.413	0.922	7.42x10 ⁻⁰⁶
REG4	3.845	5.021	4.504	4.651	0.995	2.78x10 ⁻¹⁴

RUNDC3B	-1.871	-2.782	-1.187	-1.618	0.963	9.42x10 ⁻⁰⁹
S100P	2.902	2.684	3.698	3.102	0.971	1.78x10 ⁻⁰⁹
SERPINB5	4.613	5.794	3.927	3.318	0.995	1.64x10 ⁻¹⁴
SLC16A1	-2.939	-2.833	-1.526	-1.802	0.971	1.66x10 ⁻⁰⁹
SMAD7	-1.039	-1.141	-0.586	-0.938	0.816	0.0002
TFF1	1.788	1.926	2.576	3.284	0.941	1.68x10 ⁻⁰⁷
TFPI2	2.460	2.592	2.664	3.729	0.769	0.0021
TGFBI	1.650	2.627	1.032	2.566	0.945	1.15x10 ⁻⁰⁷
TIMP1	2.585	4.195	1.987	3.450	0.978	2.83x10 ⁻¹⁰
TJP1	-0.981	-0.686	-0.430	-0.128	0.691	0.0044
TRIM29	3.419	4.018	3.300	2.976	0.892	7.74x10 ⁻⁰⁶
VCAN	1.191	1.999	0.183	1.953	0.928	6.23x10 ⁻⁰⁷
VNN1	0.456	4.712	0.762	0.588	0.971	2.02x10 ⁻⁰⁹
WNT5A	1.229	2.740	-0.166	2.357	0.964	6.93x10 ⁻⁰⁹
