

Table S1 The top 20 DEGs similarly identified in the four comparison groups

The top 20 upregulated genes (based on the Log2 fold change of M-PgPs vs BL)					
Gene ID	Gene Name	Log2 Fold Change			
		M-PgPs vs. BL	<i>P. gingivalis</i> vs. BL	IL-1 β + M-PgPs vs. IL- 1 β	IL-1 β + <i>P. gingivalis</i> vs. IL-1 β
ENSG00000165272	AQP3	4.3989324	4.4712577	4.0658647	4.3527156
ENSG00000156804	FBXO32	3.3677506	3.5436826	2.7649915	2.9119453
ENSG00000163347	CLDN1	3.3113900	3.3812388	2.5847055	2.7225392
ENSG00000171346	KRT15	3.2009895	3.2000906	3.7679138	3.8835062
ENSG00000184113	CLDN5	3.0890181	3.1340865	3.0321418	3.1106725
ENSG00000148926	ADM	2.9501664	3.4027730	1.8394358	2.0073592
ENSG00000170271	FAXDC2	2.8522659	2.8428846	3.5889795	3.7786953
ENSG00000180573	HIST1H2AC	2.6889626	2.7042439	2.5626884	2.6647273
ENSG00000185909	KLHDC8B	2.5671331	2.6950338	2.5366656	2.6896529

ENSG00000164120	HPGD	2.4769272	2.4654177	2.6926484	2.7796053
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ENSG00000102760	RGCC	2.4182401	2.4827123	2.8747440	3.2042561
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ENSG00000141738	GRB7	2.3403069	2.4879869	2.2037920	2.2856637
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ENSG00000157514	TSC22D3	2.2969590	2.4523933	2.6846517	2.8050771
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ENSG00000100100	PIK3IP1	2.0832630	1.5522600	1.4287081	1.4642139
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ENSG00000170412	GPRC5C	1.7768729	1.9121728	1.5789644	1.6480662
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ENSG00000107262	BAG1	1.6184454	1.7396585	1.6144949	3.7786953
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ENSG00000135821	GLUL	1.6099119	1.5463754	1.7375424	1.8410556
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ENSG00000176046	NUPR1	1.5165685	1.6973238	1.8522223	1.9969648
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ENSG00000151632	AKR1C2	1.5006107	1.5522600	1.3231291	1.3745780
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ENSG00000189221	MAOA	1.3363730	1.3044064	1.1425614	1.2189908
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Top 20 down-regulated genes (based on the Log2 fold change of M-PgPs vs BL)					
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Gene ID	Gene Name	Log2 Fold Change			
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		M-PgPs vs. BL	<i>P. gingivalis</i> vs. BL	IL-1 β + M-PgPs vs. IL-1 β	IL-1 β + <i>P. gingivalis</i> vs. IL-1 β
ENSG00000171617	ENC1	-2.3268292	-1.8995164	-1.7545489	-1.9341888
ENSG00000112972	HMGCS1	-2.0692747	-1.7628486	-1.6888997	-1.9477261
ENSG00000172115	CYCS	-1.9893248	-1.8407531	-1.8358900	-2.0595387
ENSG00000087494	PTHLH	-1.8638933	-1.6718268	-1.5432711	-1.6349458
ENSG00000110092	CCND1	-1.7920013	-1.5869896	-1.2159890	-1.3516549
ENSG00000197451	HNRNPAB	-1.7888619	-1.5550501	-1.3888501	-1.5050150
ENSG00000115008	IL1A	-1.7649250	-1.7600241	-2.1189747	-2.3718589
ENSG00000187678	SPRY4	-1.7486534	-1.5309880	-1.3665313	-1.5216728
ENSG00000168906	MAT2A	-1.7450236	-1.3551784	-1.0564000	-1.1385422
ENSG00000181649	PHLDA2	-1.7322295	-1.6920877	-1.3914789	-1.4721959
ENSG00000101670	LIPG	-1.7147466	-1.5594333	-1.6504637	-1.8641808

ENSG00000	F3	-1.6186853	-1.4603853	-1.6458314	-1.7419959
117525					
ENSG00000	PLOD2	-1.5182557	-1.3388854	-1.3695957	-1.5010581
152952					
ENSG00000	FOSL1	-1.4753451	-1.4303079	-1.2413161	-1.4041137
175592					
ENSG00000	ACLY	-1.4439539	-1.2375327	-1.1421869	-1.2364041
131473					
ENSG00000	FZD8	-1.3924709	-1.6889459	-1.1354117	-1.3666048
177283					
ENSG00000	TGFA	-1.3474170	-1.2457886	-1.4733297	-1.6932265
163235					
ENSG00000	AMD1	-1.3238774	-1.1323272	-1.0846984	-1.2378600
123505					
ENSG00000	ETS1	-1.2772555	-1.1156367	-1.2588583	-1.3790420
134954					
ENSG00000	HYOU1	-1.0497075	-1.0472391	-1.0437086	-1.1809964
149428					
