

Appendix 1

Changes of tested molecules in RPE treated with HQ

Cytokines/ Growth factors	24h Control (pg/ml)	24h HQ (pg/ml)	Fold Changes		<i>p</i> Value
			Mean	SEM	
VEGF	916.87	4665.24	5.09	0.84	0.0078
IL-12	50.78	141.40	2.78	0.28	0.0011
IL-10	4.64	8.95	1.93	0.14	0.0129
IL-13	23.27	33.97	1.46	0.12	0.0484
SDF-1 α	799.65	1072.83	1.34	0.05	0.0314
IL-8	11.92	15.59	1.31	0.27	0.4772
IFN- γ	333.82	418.59	1.25	0.09	0.0639
MCP-1	1890.47	2267.42	1.20	0.10	0.1383
IL-2	26.06	30.79	1.18	0.18	0.5175
IL-15	35.25	40.73	1.16	0.11	0.3918
MIP-1 α	5.50	6.26	1.14	0.09	0.5411
IP-10	91.93	102.96	1.12	0.07	0.2735
TRAIL	149.63	164.42	1.10	0.09	0.7451
IL-17	111.98	119.04	1.06	0.07	0.6350
IL-9	15.20	16.11	1.06	0.07	0.7006
MIP-1 β	8.72	9.24	1.06	0.11	0.8064
IL-1ra	32.31	33.91	1.05	0.14	0.8017
MCP-3	54.22	56.71	1.05	0.22	0.8695
GM-CSF	224.27	230.30	1.03	0.09	0.8335
G-CSF	36.60	37.30	1.02	0.07	0.9077
RANTES	22.53	22.81	1.01	0.02	0.8867
IL-7	5.74	5.62	-1.02	0.08	0.9481
IL-6	22.55	21.33	-1.06	0.09	0.6413
FGF basic	154.60	145.86	-1.06	0.06	0.4523
IL-4	4.09	3.85	-1.06	0.02	0.6297
PDGF-bb	23.22	19.70	-1.18	0.07	0.4303
TNF- α	19.93	16.38	-1.22	0.02	0.4703
Eotaxin	22.74	18.50	-1.23	0.11	0.3650
IL-1 β	NA	NA	NA	NA	NA
IL-5	NA	NA	NA	NA	NA