

SUPPLEMENTARY TABLE: FGF-VEGF Gene Expression During OM

1. FGF Genes Associated with Angiogenesis and Regulated During OM

Time:	0h	3h	6h	24h	2d	3d	5d	7d
<i>Fgf1</i> (1441042_at)								
Fold Exp.	1.0	0.3	0.2	0.5	0.3	0.2	0.4	0.4
Range	0.7-1.3	0.3-0.3	0.2-0.3	0.4-0.6	0.2-0.4	0.2-0.2	0.3-0.5	0.3-0.7
P-Value	0.90	0.04	0.11	0.13	0.18	0.00	0.17	0.34
<i>Fgf2</i> (1449826_a_at)								
Fold Exp.	1.00	1.79	2.52	1.46	1.49	1.75	0.84	1.97
Range	1.0-1.0	1.7-1.9	2.4-2.7	0.9-2.4	1.0-2.3	1.6-2.0	0.8-1.0	1.8-2.2
P-Value	0.99	0.05	0.05	0.58	0.53	0.13	0.30	0.11
<i>Fgf7</i> (1422243_at)								
Fold Exp.	1.00	1.30	1.19	2.94	1.92	1.89	1.65	1.95
Range	1.0-1.1	1.3-1.3	1.2-1.2	2.9-3.0	1.8-2.1	1.8-2.0	1.5-1.8	1.5-2.6
P-Value	0.97	0.02	0.11	0.02	0.09	0.07	0.13	0.25
<i>Fgf8</i> (1451882_a_at)								
Fold Exp.	1.0	3.8	0.9	0.9	1.4	2.6	2.9	3.5
Range	1.0-1.1	3.6-4.1	0.7-1.2	0.7-1.2	1.28-1.5	1.9-3.4	1.6-5.3	2.0-6.2
P-Value	0.97	0.03	0.85	0.82	0.16	0.19	0.33	0.27
<i>Fgf9</i> (1420795_at)								
Fold Exp.	1.0	0.6	0.7	0.7	1.2	1.2	1.1	1.1
Range	1.0-1.0	0.6-0.7)	0.6-0.9	0.7-0.8	1.1-1.3	1.2-1.2	1.1-1.1	1.0-1.3
P-Value	0.99	0.02	0.32	0.21	0.26	0.01	0.26	0.37

2. FGF Receptor Genes Regulated During OM

Time:	0h	3h	6h	24h	2d	3d	5d	7d
<i>Fgfr1</i> (1424050_s_at)								
Fold Exp.	1.0	1.2	1.0	0.5	0.4	0.5	0.6	0.5
Range	0.8-1.2	1.0-1.4	1.0-1.0	0.5-0.6	0.4-0.5	0.4-0.6	0.6-0.7	0.4-0.6
P-Value	0.94	0.47	0.19	0.11	0.04	0.14	0.07	0.13
<i>Fgfr2</i> (1443211_at)								
Fold Exp.	0.9	1.8	2.3	0.2	1.6	0.6	1.9	1.5
Range	0.7-1.3	1.5-2.1	2.2-2.4	0.1-0.8	1.2-2.1	0.5-0.8	1.8-2.0	1.4-1.5
P-Value	0.89	0.18	0.03	0.45	0.38	0.29	0.02	0.03
<i>Fgfr3</i> (1425796_a_at)								
Fold Exp.	0.5	0.9	0.8	1.9	2.1	1.5	2.7	2.2
Range	0.1-1.9	0.8-0.9	0.8-1.0	1.5-2.4	1.8-2.4	1.5-1.5	2.6-2.8	2.0-2.4
P-Value	0.68	0.23	0.31	0.23	0.12	0.02	0.03	0.08
<i>Fgfr4</i> (1427845_at)								
Fold Exp.	0.9	0.2	0.8	0.3	0.2	0.3	0.5	0.3
Range	0.5-1.5	0.1-0.3	0.7-1.0	0.3-0.3	0.2-0.2	0.2-0.4	0.3-1.0	0.1-0.7
P-Value	0.83	0.16	0.45	0.05	0.04	0.22	0.50	0.40

3. All VEGF Genes

Time:	0h	3h	6h	24h	2d	3d	5d	7d
<i>Vegfa</i> (1451959_a_at)								
Fold Exp.	0.7	3.0	2.6	2.6	1.7	1.3	1.3	0.9
Range	0.3-1.7	2.5-3.5	2.1-3.4	2.4-2.8	1.5-2.0	0.9-2.0	1.2-1.3	0.5-1.8
P-Value	0.76	0.10	0.16	0.06	0.18	0.59	0.12	0.93

3. All VEGF Genes (continued)

Time:	0h	3h	6h	24h	2d	3d	5d	7d
<i>Vegfb</i> (1451803_a_at)								
Fold Exp.	1.0	0.3	0.2	1.8	1.5	0.2	0.4	0.2
Range	0.7-1.3	0.3-0.3	0.1-0.2	1.6-1.9	1.1-2.0	0.1-0.2	0.2-0.7	0.2-0.3
P-Value	0.91	0.03	0.10	0.07	0.38	0.12	0.39	0.10
<i>Vegfc</i> (1439766_x_at)								
Fold Exp.	1.0	0.7	0.4	1.0	1.7	1.2	1.3	1.2
Range	0.8-1.2	0.6-0.8	0.3-0.6	1.0-1.0	1.3-2.1	0.9-1.7	1.3-1.3	0.8-1.8
P-Value	0.94	0.26	0.20	0.72	0.28	0.67	0.03	0.72
<i>Vegfd</i> (1438954_x_at)								
Fold Exp.	0.9	0.7	0.5	0.7	0.8	0.7	0.5	0.4
Range	0.5-1.5	0.5-1.0	0.5-0.5	0.6-0.8	0.5-1.1	0.5-1.0	0.4-0.5	0.3-0.6
P-Value	0.85	0.51	0.02	0.20	0.58	0.46	0.08	0.23
<i>Pgf</i> (1418471_at)								
Fold Exp.	0.9	5.2	3.3	2.4	2.1	2.2	0.8	0.9
Range	0.5-1.5	4.8-5.6	2.6-4.1	2.1-2.8	1.9-2.2	1.1-4.6	0.7-1.0	0.8-1.2
P-Value	0.84	0.03	0.12	0.11	0.06	0.47	0.42	0.86

4. All VEGF Receptor Genes

Time:	0h	3h	6h	24h	2d	3d	5d	7d
<i>Vegfr1</i> (1454037_a_at)								
Fold Exp.	1.0	2.2	2.9	2.4	1.5	0.9	1.2	1.0
Range	1.0-1.0	2.0-2.4	2.8-3.0	2.1-2.7	1.3-1.8	0.9-0.9	1.1-1.2	0.7-1.4
P-Value	0.99	0.06	0.02	0.08	0.21	0.00	0.08	1.00
<i>Vegfr2</i> (1449379_at)								
Fold Exp.	1.0	0.9	0.8	1.2	0.8	0.8	0.9	0.8
Range	0.9-1.1	0.8-1.1	0.6-1.0	1.1-1.2	0.7-0.9	0.7-0.9	0.8-0.9	0.7-0.9
P-Value	0.95	0.76	0.54	0.19	0.38	0.26	0.25	0.31
<i>Vegfr3</i> (1421442_at)								
Fold Exp.	1.0	1.3	1.0	1.1	1.2	0.4	0.9	0.6
Range	0.9-1.1	1.2-1.4	0.6-1.6	1.1-1.1	1.0-1.4	0.3-0.5	0.7-1.0	0.5-0.7
P-Value	0.96	0.23	0.97	0.19	0.42	0.13	0.55	0.13
<i>Nrp1</i> (1448944_at)								
Fold Exp.	0.99	0.66	0.55	1.04	1.62	1.98	1.18	1.04
Range	0.8-1.2)	0.5-0.9	0.5-0.6	1.0-1.1	1.6-1.6	1.3-3.1	1.0-1.4	(0.8-1.4
P-Value	0.95	0.41	0.05	0.60	0.01	0.36	0.56	0.92
<i>Nrp2</i> (1426528_at)								
Fold Exp.	1.00	1.34	1.05	0.73	0.85	0.92	0.77	0.81
Range	1.0-1.0	1.2-1.5	1.0-1.1	0.7-0.7	0.8-0.9	0.8-1.0	0.7-0.8	0.8-0.8
P-Value	0.99	0.19	0.08	0.02	0.31	0.33	0.18	0.02