

### ErbB Signaling Pathway

Gene Symbol	ImChief Expression Level	ImSPEM Expression Level	Fold Change
Plcg2	6.70	10.70	15.96
Cblc	6.80	10.20	10.58
Erbb3	7.67	10.32	6.28
Pak6	6.80	9.29	5.58
Pak1	7.47	9.87	5.28
Myc	10.59	12.22	3.10
Areg	7.30	8.91	3.04
Hbegf	7.95	9.56	3.04
Nck2	8.17	9.67	2.84
Camk2b	8.14	9.48	2.53
Braf	8.57	9.83	2.39
Erbb2	8.68	9.92	2.36
Pik3cb	9.13	10.36	2.34
Cdkn1b / p27	6.92	8.07	2.21
Tgfa	9.05	10.11	2.09
Pik3r3	8.28	9.34	2.07
Kras	8.59	9.62	2.04

## Pathways in Cancer

Gene Symbol	ImChief Expression Level	ImSPEM Expression Level	Fold Change
Cdh1	6.76	12.44	51.21
Plcg2	6.70	10.70	15.96
Lamc2	6.86	10.71	14.39
Rac3	7.71	11.24	11.57
Wnt7b	6.56	10.01	10.91
Cblc	6.80	10.20	10.58
Lamb3	7.18	10.29	8.63
Wnt7a	6.62	9.71	8.51
Runx1 / AML1	8.74	11.76	8.09
Wnt10a	8.15	10.99	7.15
Lama3	6.73	9.37	6.21
Met	8.77	11.36	6.01
Itga3	9.20	11.63	5.40
Fgf1	6.68	8.97	4.90
Igf1r	7.85	9.99	4.40
Fgfr2	7.01	9.01	4.01
Cebpa	7.25	9.24	3.97
Cdk6	8.56	10.55	3.96
Itga6	9.18	11.13	3.87
Wnt4	8.93	10.87	3.84
Tgfb2	8.64	10.52	3.69
Myc	10.59	12.22	3.10
Lama5	9.15	10.77	3.08
Ptgs2 / Cox2	9.28	10.87	3.01
Bid	9.14	10.69	2.92
Jup	11.66	13.20	2.91
Ralgds	7.67	9.17	2.82
Mitf	6.69	8.13	2.73
Mecom / Evi1	6.63	8.05	2.69
Dapk2	6.91	8.33	2.68
Pdgfa	10.14	11.53	2.62
Birc3	8.19	9.53	2.54
Cdkn2b / p15INK4b	9.43	10.73	2.47
Fh1	9.49	10.78	2.44
Braf	8.57	9.83	2.39
ErbB2	8.68	9.92	2.36
Pik3cb	9.13	10.36	2.34
Pdgfb	7.76	8.96	2.30
Ralb	9.52	10.71	2.27
Cul2	8.93	10.09	2.23
Cdkn1b / p27	6.92	8.07	2.21

Bmp2	5.59	6.69	2.15
Slc2a1 / Glut1	11.66	12.74	2.12
Tgfa	9.05	10.11	2.09
Egln3	10.23	11.29	2.07
Pik3r3	8.28	9.34	2.07
Max	9.91	10.96	2.07
Kras	8.59	9.62	2.04