

Table 1. Top PARADIGM pathways in breast cancer

Rank	Name	Avg. ^a	SPIA? ^b
1	Class I PI3K signaling events mediated by Akt	20.7	No
2	Nectin adhesion pathway	14.1	No
3	Insulin-mediated glucose transport	13.8	No
4	ErbB2/ErbB3 signaling events	12.1	Yes
5	p75(NTR)-mediated signaling	11.5	No
6	HIF-1-alpha transcription factor network	10.7	No
7	Signaling events mediated by PTP1B	10.7	No
8	Plasma membrane estrogen receptor signaling	10.6	Yes
9	TCR signaling in naive CD8+ T cells	10.6	No
10	Angiopoietin receptor Tie2-mediated signaling	10.1	No
11	Class IB PI3K non-lipid kinase events	10.0	No
13	Osteopontin-mediated events	9.9	Yes
12	IL4-mediated signaling events	9.8	No
14	Endothelins	9.8	No
15	Neurotrophic factor-mediated Trk signaling	9.7	No

^aAverage number of samples in which significant activity was detected per entity.

^bYes if the pathway was also ranked in SPIA's top 15; No otherwise.