

Supplementary Table SVIII. KEGG pathway analysis of targets in module 6

GOID	GO Term	Ontology Source	Term PValue
KEGG:05200	Pathways in cancer	KEGG_04.09.2018	0,00
KEGG:04151	PI3K-Akt signaling pathway	KEGG_04.09.2018	0,00
KEGG:04659	Th17 cell differentiation	KEGG_04.09.2018	0,00
KEGG:04919	Thyroid hormone signaling pathway	KEGG_04.09.2018	0,00
KEGG:04920	Adipocytokine signaling pathway	KEGG_04.09.2018	0,00
KEGG:05221	Acute myeloid leukemia	KEGG_04.09.2018	0,00
KEGG:05222	Small cell lung cancer	KEGG_04.09.2018	0,00
KEGG:05223	Non-small cell lung cancer	KEGG_04.09.2018	0,00
KEGG:05226	Gastric cancer	KEGG_04.09.2018	0,00

[illegible]

Group	PValue Corrected with Bonferroni step down	GOLevel	GOGroups	% Associated Genes
	0,00 [-1]		Group0	1,71
	0,00 [-1]		Group1	1,41
	0,00 [-1]		Group1	4,67
	0,00 [-1]		Group1	6,03
	0,00 [-1]		Group1	7,25
	0,00 [-1]		Group1	7,58
	0,00 [-1]		Group1	7,53
	0,00 [-1]		Group1	10,61
	0,00 [-1]		Group1	5,37

Nr. Genes	Associated Genes Found
9,00	[AKT1, MTOR, PIK3CB, PIK3CD, RARA, RARB, RXRA, RXRB, RXRG]
5,00	[AKT1, MTOR, PIK3CB, PIK3CD, RXRA]
5,00	[MTOR, RARA, RXRA, RXRB, RXRG]
7,00	[AKT1, MTOR, PIK3CB, PIK3CD, RXRA, RXRB, RXRG]
5,00	[AKT1, MTOR, RXRA, RXRB, RXRG]
5,00	[AKT1, MTOR, PIK3CB, PIK3CD, RARA]
7,00	[AKT1, PIK3CB, PIK3CD, RARB, RXRA, RXRB, RXRG]
7,00	[AKT1, PIK3CB, PIK3CD, RARB, RXRA, RXRB, RXRG]
8,00	[AKT1, MTOR, PIK3CB, PIK3CD, RARB, RXRA, RXRB, RXRG]