

Table 12: Top canonical pathways affected by down-regulated genes/isoforms in rheumatoid arthritis synovial RNA

Down-regulated Genes		
Canonical Pathway	p-value	Ratio
LXR/RXR Activation	0.011	0.057
Atherosclerosis Signaling	0.011	0.057
LPS/IL-1 Mediated Inhibition of RXR Function	0.017	0.044
Inhibition of Angiogenesis by TSP1	0.018	0.083
Phenylalanine Metabolism	0.019	0.086
Down-regulated Isoforms		
Canonical Pathway	p-value	Ratio
Role of BRCA1 in DNA Damage Response	0.002	0.125
Mitotic Roles of Polo-Like Kinase	0.002	0.123
Cardiac β -adrenergic Signaling	0.004	0.079
Type I Diabetes Mellitus Signaling	0.005	0.086
Graft-versus-Host Disease Signaling	0.007	0.125

Top canonical pathways significantly affected in RASFs compared to SFs as determined by Ingenuity Pathway Analysis. Pathways with a p-value less than 0.05 defined as significant.