R-HSA-	R-HSA.	R-HSA 147 <sub>4290</sub>	R-HSA. `3>3>55	immi	innnune only	
	382 <sub>491</sub>	·4> <sub>4</sub> > <sub>9</sub> 0	3>3>55	455475	"le only	
Pairwise path length in reference tree	0.0	0.0	0.0	0.0	0.0	
Jaccard distance over extended gene set	0.0	0.0	0.0	0.0	0.0	
WM distance over summary W2V	0.0052	0.0	0.0	0.0	NaN	
WM distance over gene symbols W2V	0.0	0.0	0.0	0.0	0.0	
Cosine distance over over summary W2V	0.0027	0.0	0.0005	0.0	NaN	
Cosine distance over over NCBI summary W2V	0.0005	0.0	0.0	0.0	0.0	
Cosine distance over gene symbols W2V	0.0	0.0	0.0	0.0	0.0	
Cosine distance GO MF description W2V	0.0	0.0	0.0	0.0	0.0	
Cosine distance GO CC description W2V	0.0	0.0	0.0	0.0	0.0476	
Cosine distance GO BP description W2V	0.2682	0.0	0.0	0.0	0.0	
GO-distance (go_type=MF, measure=Wang, combine=BMA)	0.0	0.0	0.0	0.0	0.0004	
GO-distance (go_type=CC, measure=Wang, combine=BMA)	0.0004	0.0	0.0	0.0	0.0029	
GO-distance (go_type=BP, measure=Wang, combine=BMA)	0.0223	0.0	0.0	0.0	0.0	
Overlap distance over genes	0.0	0.0	0.0	0.0	0.0	
Overlap distance over gene traits	0.0	0.0	0.0	0.0	0.0	
Minkowski distance (p=2) over genes	0.0061	0.4456	0.2867	0.0	0.0	
Minkowski distance $(p=2)$ over gene traits	0.9516	0.0091	0.6076	0.0	0.0	
Minkowski distance (p=2) over gene trait frequency	0.1526	0.8201	0.0015	0.0	0.0	
Minkowski distance (p=1) over genes	0.0061	0.4456	0.2867	0.0	0.0	
Minkowski distance ( $p=1$ ) over gene traits	0.9516	0.0091	0.6076	0.0	0.0	
Minkowski distance (p=1) over gene trait frequency	0.408	0.3746	0.024	0.0	0.0	
Kappa distance over genes	0.0	0.0	0.0	0.0	0.0	
Kappa distance over gene traits	0.0	0.0	0.0	0.0	0.0133	
Jaccard distance over genes	0.0	0.0	0.0	0.0	0.0	
Jaccard distance over gene traits	0.0	0.0	0.0	0.0	0.0	
Cosine distance over gene trait frequency	0.0	0.0	0.0	0.0	0.0	
Random (uniform, (0,1))	0.7903	0.6997	0.4201	0.3821	0.5835	