

Additional file 5. Disease-related biological process confirmed by literature mining.

Biological process	Ranking	References
Diabetes mellitus		
response to oxidative stress	1	(Asmat, et al., 2016)
regulation of protein secretion	2	(Mata, et al., 2004)
regulation of endocytosis	3	(Cester, et al., 1996)
response to reactive oxygen species	4	(Santos, et al., 2013)
negative regulation of apoptotic process	5	(Magee, et al., 2014)
Alzheimer's disease		
positive regulation of apoptotic process	1	(Salemi, et al., 2012)
negative regulation of phosphorylation	2	(Song, et al., 2015)
negative regulation of protein phosphorylation	3	(Song, et al., 2015)
regulation of DNA replication	5	(Yurov, et al., 2011)
Neuroblastoma		
negative regulation of apoptotic process	1	(Li and Nakagawara, 2013)
response to UV	2	(Ramos-Espinosa, et al., 2012)
positive regulation of apoptotic process	4	(Li and Nakagawara, 2013)
cell cycle arrest	5	(Van de Wouwer, et al., 2012)

References

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