SUSPECTS analysis

Symbol	KIF1A	D2HGDH	HDLBP	ING5	APG4B	AQP12	AQP12	THAP4	PASK	DTYMK	OR6B2P	SNED1	OR6B3
Description	Kinesin-like protein KIF1A (Axonal transporter of synaptic vesicles). [Source:Uniprot/SWISSPROT;Acc:Q12756]		Vigilin (High density lipoprotein-binding protein) (HDL-binding protein). [Source:Uniprot/SWISSPROT;Acc:Q00341]	inhibitor of growth family, member 5 [Homo sapiens]. [Source:RefSeq;Acc:NM_032329]	APG4 autophagy 4 homolog B isoform a; autophagin-1 [Homo sapiens]. [Source:RefSeq;Acc:NM_013325]	Aquaporin 12. [Source:Uniprot/SWISSPROT;Acc:Q8IXF9]	Aquaporin 12. [Source:Uniprot/SWISSPROT;Acc:Q8IXF9]	THAP domain protein 4 (PP238) (CGI36). [Source:Uniprot/SWISSPROT;Acc:Q8WY91]	PAS domain containing serine/threonine-protein kinase (EC 2.7.1.37) (PAS-kinase) (PASKIN) (hPASK). [Source:Uniprot/SWISSPROT;Acc:Q96RG2]	Thymidylate kinase (EC 2.7.4.9) (dTMP kinase). [Source:Uniprot/SWISSPROT;Acc:P23919]	Seven transmembrane helix receptor. [Source:Uniprot/SPTREMBL;Acc:Q8NGW0]		Olfactory receptor 6B3. [Source:Uniprot/SWISSPROT;Acc:Q8NGW1]
Total_rank	1	2	3	4	5	6	7	9	10	11	12	13	14
GO_matches	microtubule-based movement (KIF5C)	electron transport (CYP7B1) carboxylic ester hydrolase activity (NP_006693)	cholesterol metabolism (CYP7B1)										
Domain_matches	Kinesin, motor region (KIF5C)			FYVE/PHD zinc finger (ZFYVE27)									
Expression_matches													
Promoter_matches													
Prospectr_score	64.4053	62.5275	39.4126	58.2246	59.0492	57.7373	57.7373	51.3247	45.2642	45.1899	44.2999	43.2171	21.755
GO_score	20	18.1513333	20										
Domain_score	9.090909091			9.09090909									
Expression_score													
Weighted_Score	22.69924182	19.7660333	15.88252	13.4631018	11.80984	11.54746	11.54746	10.26494	9.05284	9.03798	8.85998	8.64342	4.351
Prospectr_rank	4	6	28	11	9	13	12	18	21	22	24	26	34
GO_rank	1	3	2										
Domain_rank	2			3									
Expression_rank													