

Table S1. The Kindlin-1-dependent secretome network

Protein name	Gene name	Entrez Gene ID	UniProtKB accession	Ensembl protein ID	RefSeq protein ID	log ₂ (WT/Null) ^a	D ^b	Clustering coefficient ^c	Neighborhood connectivity ^d	Degree ^e	EMT related ^f	Metastasis related ^g	Metastasis deregulation ^h	Breast cancer metastasis ⁱ	Metastasis to lung ^j	
Protein Adb3bp	Adb3bp	25890	Q89W66	ENSP00000437308	NP_056244	-3.45	0.0218	0.163	21.3	19	+					
Alpha-actinin-2	Acta2	88	Q9JL92	ENSP00000434933	NP_001265273	-2.42	0.0384	0.200	20.8	20						
Disintegrin and metalloproteinase domain-containing protein 17	Adam17	6868	Q9Z0F8	ENSP00000418728	NP_003174	2.14	0.0438	0.318	23.8	13				Up		
Disintegrin and metalloproteinase domain-containing protein 9	Adam9	8754	Q61072	ENSP00000420257	NP_003807	1.91	0.0330	0.240	22.6	43						
A disintegrin and metalloproteinase with thrombospondin motifs 4	Adams4	9507	Q8BNJ2	ENSP00000356975	NP_005090	1.87	0.0334	0.300	24.6	6						
Allograft inflammatory factor 1-like	Aif1l	85343	Q9EJX4	ENSP00000361388	NP_113614	-1.44	-0.283	0.0119	0.350	23.4	5					
Alpha-aminoacidic semialdehyde dehydrogenase	Aldh7a1	501	Q9UB51	ENSP00000449318	NP_001189333	-2.15	0.0147	0.269	23.3	23					Down	
Angiopoietin-1	Angpt1	284	Q08538	ENSP00000430750	NP_001186788	-6.47	0.0000	0.269	20.0	15						
Amyloid-like protein 2	Aplp2	334	Q06335	ENSP00000441122	NP_001633	2.12	0.0123	0.222	22.5	29					Up	
Aquaporin-5	Aqp5	362	Q9WY74	ENSP00000293599	NP_001642	-1.78	0.0422	0.128	17.0	14						
Actin-related protein 2/3 complex subunit 1A	Arcp1a	10552	Q9R0C6	ENSP00000412879	NP_008400	-2.14	0.0281	0.255	23.0	23					Down	
Ataxin-10	Atxn10	25552	P28658	ENSP00000403656	NP_037368	-2.30	0.0324	0.186	21.1	34						
Brain acid soluble protein 1	Basp1	10409	Q91XV3	ENSP00000476900	NP_006308	-2.45	0.0120	0.235	23.6	18						
Cholinesterase	Bche	590	Q03311	ENSP00000443583	NP_000046	2.66	0.0156	0.182	20.0	24						
Complement C1q tumor necrosis factor-related protein 1	C1qfnf1	114897	Q9UXP7	ENSP00000463922	NP_940996	-2.90	0.0109	0.333	21.7	7						
Complement C3	C3	718	P01027	ENSP00000472044	NP_000255	2.03	0.0193	0.184	19.6	26					Down	
Calmodulin	Calml1	801	Q95167	ENSP00000491646	NP_008819	-1.84	0.0326	0.230	21.4	31					Down	
Calumenin	Calu1	813	Q35887	ENSP00000442110	NP_001210	-2.56	0.0148	0.271	24.2	34					Down	
Cullin-associated NEBD3-dissociated protein 1	Cand1	55832	Q6ZQ38	ENSP00000445794	NP_060918	-1.94	0.0169	0.178	20.0	37					Up	
Coiled-coil domain-containing protein 25	Ccdc25	55246	Q78P69	ENSP00000437677	NP_060716	-1.72	0.0334	0.267	23.2	10						
CD81 antigen	Cd81	975	F55762	ENSP00000437242	NP_001475	-2.28	0.0383	0.183	21.1	32						
Complement factor H	Cfh	3075	Q08909	ENSP00000402656	NP_001014975	-3.30	0.0000	0.232	20.8	28					Down	
Chitinase-3-like protein 1	Ch3l1	1116	Q61362	ENSP00000385530	NP_001267	1.68	0.0491	0.257	22.7	17						
Carboxymethylbenzyladenosine homology	Cmbt1	134147	Q8R1G2	ENSP00000296658	NP_620164	-1.71	0.0463	0.000	23.0	17						
Collagen alpha-1(III) chain	Col3a1	1281	P08121	ENSP00000415346	NP_000081	-2.76	0.0135	0.402	24.3	34					Up/Down	
Colicin-12	Colicin12	81052	Q8H4Q8	ENSP00000381115	NP_060507	-2.58	0.0190	0.266	20.6	20						
COMM domain-containing protein 7	Comm7	149651	Q8BG04	ENSP00000478617	NP_444269	-1.67	0.0494	0.000	21.3	3						
Connective tissue growth factor	Ctgf	1490	P29268	ENSP00000356954	NP_001892	-3.96	0.0128	0.299	23.5	40					Up/Down	
Cullin-3	Cu3	8452	Q9JLV5	ENSP00000410575	NP_003581	-3.18	0.0175	0.235	18.3	23					Up	
Cullin-4B	Cu4b	8450	A2A432	ENSP00000384109	NP_003579	-3.02	0.0145	0.242	20.2	15						
Dystroglycan	Dg	1615	Q61265	ENSP00000426260	NP_004384	-1.53	0.0446	0.262	23.4	24						
Decorin	Dcn	1634	P28654	ENSP00000447982	NP_598014	-1.68	0.0447	0.292	21.3	34						
MCG18410, isoform CRA_a	Ddx23	9416	D3Z0M9	ENSP00000449657	NP_004809	-2.99	0.0138	0.231	21.5	24						
DnaJ homolog subfamily B member 4	Dnajp4	11080	Q9D832	ENSP00000399494	NP_008965	-2.27	0.0161	0.221	22.5	24						
DnaJ homolog subfamily C member 3	Dnajp3	5611	Q91YV3	ENSP00000473631	NP_006251	-2.28	0.0107	0.200	21.1	17						
Eukaryotic translation elongation factor 1 epsilon-1	Eef1e1	3621	Q91844	ENSP00000427852	NP_004421	-1.70	0.0446	0.163	18.3	32						
EF-hand domain-containing protein D2	Efd2	79180	Q9D8V0	ENSP00000395153	NP_077305	-1.80	0.0445	0.291	21.0	12					Up	
Ephrin-A1	Efn1a	1942	P52793	ENSP00000357392	NP_872626	-2.60	0.0233	0.176	21.3	18						
EH domain-containing protein 2	Ehd2	30846	Q8BH64	ENSP00000471766	NP_055416	-2.96	0.0165	0.301	21.9	20					Up	
Eukaryotic translation initiation factor 3 subunit E	Eif3e	3646	P60229	ENSP00000430839	NP_001559	-1.98	0.0145	0.200	21.5	23						
Endoplasmic reticulum aminopeptidase 1	Erip1	51752	Q95C43	ENSP00000470245	NP_067526	-1.84	0.0321	0.190	22.5	8						
Erythroferrone	Eryf	151176	Q9PCN1	ENSP00000442204	NP_001278761.1	1.98	0.0196	0.000	22.5	2						
Protein Fat1	Fat1	2195	F2Z4A3	ENSP00000424157	NP_005236	3.08	0.0125	0.281	23.3	22					Up	
Peptidyl-prolyl cis-trans isomerase FKBP2	Fkbp2	2286	P45878	ENSP00000438749	NP_478433	-2.76	0.0175	0.311	20.6	20					Down	
Fascin	Fscn1	6624	Q61553	ENSP00000409967	NP_003079	2.72	0.0126	0.279	24.2	18					Up	
Furin	Ffn	5151	Q21815	ENSP00000426560	NP_002560	1.65	0.0446	0.160	17.9	23					Up	
Lysosomal alpha-glucosidase	Gaa	2548	P07699	ENSP00000460543	NP_001073272	2.58	0.0225	0.251	19.9	21						
N-acetylgalactosamine-6-sulfatase	Galsnt5	2588	Q571E4	ENSP00000457921	NP_000503	1.56	0.0471	0.306	25.4	9						
Polypeptide N-acetylglucosaminyltransferase 4	Galnt4	8693	Q08832	ENSP00000436604	NP_003765	3.74	0.0116	0.000	21.5	2						
Glucosylceramidase	Glc3e	2629	P17439	ENSP00000459642	NP_001165283	3.37	0.0154	0.418	24.0	13						
23kDa nucleotide-binding protein G(i)(G)(S)(G)(T) subunit beta-2	Gnb2	2732	Q91284	ENSP00000432115	NP_002264	-1.85	0.0434	0.260	20.0	25						
Glutathione S-transferase A1	Gsta1	2938	P13745	ENSP00000335620	NP_865683	-2.60	0.0137	0.000	20.3	3						
H-2 class I histocompatibility antigen, K-B alpha chain	H2-K1	14972	P01901	ENSMUSP00000025181	NP_00101892.2	-1.94	0.0475	0.000	0.0	0						
Beta-hexosaminidase subunit beta	Hexb	3074	P20060	ENSP00000426384	NP_000512	-4.25	0.0000	0.230	21.3	39						
Heterogeneous nuclear ribonucleoprotein L	Hnmp1	3191	Q8R081	ENSP00000221419	NP_001005335.1	-1.67	0.0455	0.000	21.3	1						
Hippocalin-like protein 1	Hpcal1	3219	Q92748	ENSP00000416268	NP_002229	-1.53	0.0323	0.122	19.9	23						
Ribonuclease LK114	Hrp12	10247	P52760	ENSP00000430482	NP_005827	3.49	0.0202	0.154	16.9	18						
Hyaluronidase-1	Hyal1	3373	Q91ZJ9	ENSP00000461900	NP_695017	4.04	0.0000	0.200	20.3	15						
Isolectin-B4 binding protein, cytoplasmic	Iars	3376	Q8BU30	ENSP00000415020	NP_038203	-1.58	0.0454	0.203	19.1	32						
Gamma-interferon-inducible lysosomal thiol reductase	Irf3	10437	Q9E5V9	ENSP00000470527	NP_006323	-2.25	0.0330	0.279	23.4	20						
Interferon alpha/beta receptor 2	Irf2	34028	Q95689	ENSP00000431968	NP_007468	-1.51	0.0146	0.260	19.8	25						
Mycoid-derived growth factor	Izd5	64006	Q9CP74	ENSP00000380417	NP_758525	-1.71	0.0467	0.000	18.0	1						
Integrin beta-1	Irgb1	3688	P09055	ENSP00000436214	NP_598667	2.47	0.0111	0.256	22.8	38						
Integral membrane protein 2B	Irm2b	9445	Q89051	ENSP00000476004	NP_068839	1.75	0.0330	0.214	21.7	29					Down	
Importin subunit alpha-3	Irga3	3840	Q35343	ENSP00000417172	NP_002259	-4.41	0.0000	0.199	21.6	19						
Plastin-2	Irfp2	3926	Q61232	ENSP00000428025	NP_002289	-2.81	0.0121	0.299	22.4	31					Up	
Galectin-1	Lgals1	3956	P16045	ENSP00000404414	NP_002256	-1.57	0.0466	0.259	22.4	43						
Legumain	Lgmn	5641	Q89017	ENSP00000452572	NP_005597	1.68	0.0459	0.234	21.9	33						
Vesicular integral-membrane protein VIP36	Lman2	10960	Q9DBH5	ENSP00000427377	NP_006807	2.77	0.0168	0.292	21.4	16						
Methionine adenosyltransferase 2 subunit beta	Mat2b	27430	Q9L8L6	ENSP00000431071	NP_877725	-1.72	0.0450	0.193	19.6	21						
60S kinase activator 1A	Mob1a	6520	Q92910	ENSP00000389782	NP_006819	-1.69	0.0431	0.218	21.9	22						
Pulvinar helix MOV-10	Mov10	4343	P23249	ENSP00000439533	NP_069014	-2.29	0.0109	0.152	20.8	12						
Nascent polypeptide-associated complex subunit alpha	Naca	4666	P70670	ENSP00000450383	NP_001106674	-2.22	0.0113	0.214	19.8	8					Up	
Neuroblastoma suppressor of tumorigenicity 1	Nbl1	4681	Q61477	ENSP00000449007	NP_877421	-2.64	0.0131	0.320	23.6	19					Down	
E3 ubiquitin-protein ligase NEDD4	Nedd4	4734	P46935	ENSP00000426051	NP_340882	1.84	0.0488									