

Table S1. Network measures for the 473 genes in the Gene Disease Knowledge Graph (GDKG).

Genes	Degree Distribution	Neighborhood Connectivity	Eigenvector Centrality	Subgraph Centrality
<i>GNAS</i>	171	64.95238095	0.061247409	$5.20323 \times 10^{30}$
<i>NEU1</i>	168	65.33928571	0.069736994	$6.74566 \times 10^{30}$
<i>CSNK2B</i>	166	69	0.067660944	$6.35 \times 10^{30}$
<i>BAG6</i>	162	70.40666667	0.066949119	$6.2171 \times 10^{30}$
<i>FTO</i>	152	71.10638298	0.06282446	$5.47464 \times 10^{30}$
<i>FXR2</i>	149	69.73722628	0.059887443	$4.97473 \times 10^{30}$
<i>EIF4A1</i>	149	69.73722628	0.059887443	$4.97473 \times 10^{30}$
<i>SUOX</i>	1 <sup>29</sup>	73.32283465	0.05781322	$4.63609 \times 10^{30}$
<i>SMARCA4</i>	1 <sup>29</sup>	73.16	0.057042437	$4.5133 \times 10^{30}$
<i>PRDX5</i>	125	74.856	0.058613247	$4.765^{29} \times 10^{30}$
<i>SPPL3</i>	124	78.63709677	0.060269574	$5.03842 \times 10^{30}$
<i>EIF2S2</i>	123	76.51219512	0.060038049	$4.99978 \times 10^{30}$
<i>ASH1L</i>	123	88.9245283	0.05931309	$4.87977 \times 10^{30}$
<i>DDX6</i>	121	62.95867769	0.046722122	$5.20323 \times 10^{30}$
<i>RPS26</i>	117	48.30769231	0.035899678	$1.78764 \times 10^{30}$
<i>RAB5B</i>	117	48.30769231	0.035899678	$1.78764 \times 10^{30}$
<i>PA2G4</i>	114	79.59821429	0.055118759	$4.21402 \times 10^{30}$
<i>ABCF1</i>	113	79.83168317	0.050157428	$3.48954 \times 10^{30}$
<i>RPL7A</i>	108	81.50925926	0.054425	$6.35 \times 10^{30}$
<i>SURF4</i>	107	91.52631579	0.053615385	$3.98728 \times 10^{30}$
<i>MRPL4</i>	103	52.45631068	0.034347373	$1.63638 \times 10^{30}$
<i>MTMR3</i>	103	97.42857143	0.055131951	$4.21604 \times 10^{30}$
<i>MRPS18B</i>	101	79.83168317	0.050157428	$3.48954 \times 10^{30}$
<i>FAF1</i>	101	98.4494382	0.053760546	$4.0089 \times 10^{30}$
<i>PICK1</i>	101	72.32222222	0.039143521	$2.12529 \times 10^{30}$
<i>ACTR2</i>	100	100.0454545	0.054018587	$4.04748 \times 10^{30}$
<i>SMAD4</i>	97	88.47252747	0.049546408	$3.40504 \times 10^{30}$
<i>PMPCA</i>	93	106.5555556	0.053951696	$4.03746 \times 10^{30}$
<i>RPL18</i>	93	83.58064516	0.04833176	$2.36829 \times 10^{30}$
<i>NRBP1</i>	88	95.68604651	0.051190181	$3.63472 \times 10^{30}$
<i>RPS9</i>	86	95.62857143	0.040744533	$2.3027 \times 10^{30}$
<i>LMAN2</i>	85	105.4819277	0.053979513	$4.04162 \times 10^{30}$
<i>SAMM50</i>	84	100.5	0.044542522	$2.75199 \times 10^{30}$
<i>PSMD13</i>	84	61.66666667	0.03075417	$1.31192 \times 10^{30}$
<i>CUX1</i>	83	103.9130435	0.044947966	$2.80232 \times 10^{30}$
<i>MAP2K1</i>	82	110.6818182	0.045447749	$2.86499 \times 10^{30}$
<i>DNLZ</i>	81	106.5555556	0.053951696	$4.03746 \times 10^{30}$
<i>RANGAP1</i>	78	107.1052632	0.049938988	$3.45921 \times 10^{30}$
<i>CNEP1R1</i>	78	87.28205128	0.041320756	$2.36829 \times 10^{30}$
<i>MTCH2</i>	77	106.9733333	0.048081822	$3.20671 \times 10^{30}$
<i>ACO2</i>	76	108.1369863	0.048953139	$3.32398 \times 10^{30}$

<i>POLR2E</i>	76	92.67105263	0.042469675	$2.36829 \times 10^{30}$
<i>MAPKAPK5</i>	73	105.2465753	0.046861906	$2.57655 \times 10^{30}$
<i>IGF2R</i>	72	134.0784314	0.041501652	$2.38907 \times 10^{30}$
<i>COL4A2</i>	71	112.1967213	0.040889503	$2.31911 \times 10^{30}$
<i>SPTBN1</i>	70	104.4626866	0.043099323	$2.57655 \times 10^{30}$
<i>COL4A1</i>	70	113.4029851	0.046439171	$2.99135 \times 10^{30}$
<i>CHMP1A</i>	70	111.3571429	0.048322306	$3.23887 \times 10^{30}$
<i>TIMMDC1</i>	70	53.31428571	0.022899714	$7.27374 \times 10^{29}$
<i>VEGFB</i>	68	69.14705882	0.029773989	$1.22962 \times 10^{30}$
<i>ARPC2</i>	67	105.4328358	0.043719679	$2.65126 \times 10^{30}$
<i>HCFC1</i>	67	118.1875	0.046280893	$2.97099 \times 10^{30}$
<i>PPM1G</i>	67	60	0.025356748	$8.91836 \times 10^{29}$
<i>GOPC</i>	67	136.1636364	0.045568478	$2.88023 \times 10^{30}$
<i>TOM1</i>	67	130.6491228	0.045680939	$2.89446 \times 10^{30}$
<i>TAX1BP1</i>	66	114.4814815	0.037460858	$1.9465 \times 10^{30}$
<i>DMXL1</i>	66	110.5238095	0.043166125	$3.23887 \times 10^{30}$
<i>ABCC9</i>	65	117.1612903	0.044836925	$2.78849 \times 10^{30}$
<i>NDUFS3</i>	65	67.12307692	0.02616828	$9.49835 \times 10^{29}$
<i>VDAC1</i>	65	55.07692308	0.021406579	$6.35613 \times 10^{29}$
<i>MYH7</i>	65	119.1129032	0.045625898	$2.88749 \times 10^{30}$
<i>NCBP1</i>	65	129.6470588	0.04064183	$2.2911 \times 10^{30}$
<i>SLAIN2</i>	63	114.5614035	0.039662096	$2.18197 \times 10^{30}$
<i>REST</i>	63	116.65	0.042527265	$2.50861 \times 10^{30}$
<i>UQCC2</i>	63	101.031746	0.038304953	$2.06241 \times 10^{30}$
<i>LARP4B</i>	63	152.1428571	0.038863267	$2.06241 \times 10^{30}$
<i>SF3A3</i>	62	130.1538462	0.040797436	$2.30868 \times 10^{30}$
<i>PKD2</i>	61	136.6538462	0.043663338	$2.64443 \times 10^{30}$
<i>SND1</i>	61	135.8305085	0.050096612	$3.48109 \times 10^{30}$
<i>IRF2BP1</i>	60	100.3	0.036291701	$1.82689 \times 10^{30}$
<i>PTTG1</i>	60	48.43333333	0.01720394	$4.10538 \times 10^{29}$
<i>MARK3</i>	60	129.5172414	0.045132088	$2.82533 \times 10^{30}$
<i>RNF181</i>	59	113.9152542	0.040704228	$2.29814 \times 10^{30}$
<i>PRMT5</i>	58	140.6086957	0.038560157	$2.06241 \times 10^{30}$
<i>COG6</i>	58	114.9285714	0.038754777	$2.08328 \times 10^{30}$
<i>DDA1</i>	57	114.1578947	0.03960289	$2.17546 \times 10^{30}$
<i>DCAF12</i>	57	158.8	0.043655999	$2.64354 \times 10^{30}$
<i>PDE4DIP</i>	57	119.3508772	0.042179134	$2.4677 \times 10^{30}$
<i>KPNB1</i>	56	122.3333333	0.039219072	$2.1335 \times 10^{30}$
<i>COPS6</i>	56	71.16071429	0.024247173	$8.15493 \times 10^{29}$
<i>LLGL1</i>	56	143.1136364	0.037574991	$1.95837 \times 10^{30}$
<i>MSL2</i>	55	118.3018868	0.036588654	$1.85691 \times 10^{30}$
<i>ZKSCAN1</i>	55	133.245283	0.042921168	$2.55529 \times 10^{30}$
<i>ZC3H18</i>	55	156.3333333	0.042952315	$2.559 \times 10^{30}$
<i>EIF4B</i>	54	140.952381	0.035524871	$1.7505 \times 10^{30}$
<i>TRIP11</i>	53	129.6981132	0.042607277	$2.51806 \times 10^{30}$

<i>CTDSP1</i>	52	126.4423077	0.040437973	$2.26818 \times 10^{30}$
<i>RANBP2</i>	52	130.5961538	0.041950444	$2.44102 \times 10^{30}$
<i>ETF1</i>	52	153.8	0.03665473	$1.86362 \times 10^{30}$
<i>EIF3H</i>	52	142.3809524	0.036004937	$1.79813 \times 10^{30}$
<i>MRPL9</i>	50	65.36	0.019456234	$5.25068 \times 10^{29}$
<i>GTF2I</i>	49	80.59183673	0.024132093	$6.35 \times 10^{30}$
<i>SNRPC</i>	48	140.2291667	0.040414075	$2.2655 \times 10^{30}$
<i>FEM1A</i>	48	130.8333333	0.038172071	$2.02111 \times 10^{30}$
<i>NF2</i>	48	138	0.040102593	$2.23071 \times 10^{30}$
<i>PSMD6</i>	48	176.4736842	0.040747822	$2.30307 \times 10^{30}$
<i>USP24</i>	47	148.5909091	0.039469325	$2.16081 \times 10^{30}$
<i>TRAK1</i>	47	171.7714286	0.036298728	$1.8276 \times 10^{30}$
<i>RABEP1</i>	47	140.4444444	0.037294732	$2.2655 \times 10^{30}$
<i>FKBP8</i>	47	159.0810811	0.034965219	$2.35786 \times 10^{30}$
<i>RYK</i>	47	156.1621622	0.034614165	$2.35786 \times 10^{30}$
<i>RPL8</i>	45	165.6046512	0.043635755	$2.64109 \times 10^{30}$
<i>PRPF6</i>	45	162.3023256	0.041992985	$2.44597 \times 10^{30}$
<i>DEF8</i>	45	133.6666667	0.036373637	$1.83515 \times 10^{30}$
<i>ATG4D</i>	45	147.3953488	0.037441563	$1.94449 \times 10^{30}$
<i>UBE3B</i>	45	160.547619	0.04046323	$2.27101 \times 10^{30}$
<i>SP2</i>	45	159.6046512	0.041229725	$2.35786 \times 10^{30}$
<i>CKAP5</i>	45	158.1190476	0.040038435	$2.35786 \times 10^{30}$
<i>ZFP91</i>	44	165.2195122	0.041521483	$2.39135 \times 10^{30}$
<i>NPR2</i>	44	177.4285714	0.045962471	$2.93025 \times 10^{30}$
<i>FXR1</i>	44	154.4285714	0.039173881	$2.12859 \times 10^{30}$
<i>CUL4A</i>	44	144.547619	0.035273385	$1.72581 \times 10^{30}$
<i>ALKBH5</i>	44	143.1136364	0.037574991	$1.95837 \times 10^{30}$
<i>CDC42</i>	44	93.5	0.02391507	$7.93307 \times 10^{29}$
<i>SPNS1</i>	43	161	0.039724379	$2.18883 \times 10^{30}$
<i>EIF5A</i>	43	155.0540541	0.034066214	$1.6097 \times 10^{30}$
<i>PHACTR2</i>	43	153.195122	0.037347297	$1.93471 \times 10^{30}$
<i>MRPS<sup>30</sup></i>	43	173.0909091	0.033746552	$1.57964 \times 10^{30}$
<i>GSTM5</i>	42	171.25	0.032571766	$1.47157 \times 10^{30}$
<i>ALS2</i>	42	155.1666667	0.040068929	$2.22697 \times 10^{30}$
<i>TNNT3</i>	42	132.5952381	0.033538853	$1.56025 \times 10^{30}$
<i>CUL1</i>	42	173.05	0.042271442	$2.47852 \times 10^{30}$
<i>NUCKS1</i>	42	88.95238095	0.022356415	$6.9327 \times 10^{29}$
<i>TRIP12</i>	42	155.1666667	0.040068929	$2.22697 \times 10^{30}$
<i>QRICH1</i>	42	151.875	0.035663515	$1.76419 \times 10^{30}$
<i>NFIX</i>	42	171.725	0.041245411	$2.35966 \times 10^{30}$
<i>ASCC2</i>	42	166.375	0.04034182	$2.2574 \times 10^{30}$
<i>HECTD1</i>	42	155.1666667	0.040068929	$2.22697 \times 10^{30}$
<i>NAA10</i>	42	68.16666667	0.017036415	$4.02582 \times 10^{29}$
<i>ANP32E</i>	41	148.2307692	0.033977522	$1.95837 \times 10^{30}$
<i>SPAG7</i>	40	88.325	0.021229175	$6.25121 \times 10^{29}$

<i>GTPBP1</i>	40	201.75	0.033628316	$1.56859 \times 10^{30}$
<i>SLC25A11</i>	40	88.325	0.021229175	$6.25121 \times 10^{29}$
<i>FAM53C</i>	40	153.8	0.03665473	$1.86362 \times 10^{30}$
<i>GNS</i>	40	201.75	0.033628316	$1.56859 \times 10^{30}$
<i>NONO</i>	40	201.75	0.033628316	$1.56859 \times 10^{30}$
<i>ANAPC1</i>	40	164.0526316	0.036423441	$1.84018 \times 10^{30}$
<i>PPP1R15B</i>	40	201.75	0.033628316	$1.56859 \times 10^{30}$
<i>FOXO4</i>	40	201.75	0.033628316	$1.56859 \times 10^{30}$
<i>GSPT1</i>	40	148.2	0.035659453	$1.76379 \times 10^{30}$
<i>SNAP<sup>29</sup></i>	39	195	0.033690059	$1.57435 \times 10^{30}$
<i>EIF4H</i>	39	58.35897436	0.013410095	$2.49437 \times 10^{29}$
<i>SNX19</i>	39	174.5405405	0.038961202	$2.10554 \times 10^{30}$
<i>NOC2L</i>	39	203.4444444	0.032708443	$1.48394 \times 10^{30}$
<i>CRKL</i>	39	195	0.033690059	$1.57435 \times 10^{30}$
<i>NDUFS2</i>	39	65.92307692	0.014343859	$2.85384 \times 10^{29}$
<i>UFC1</i>	39	65.92307692	0.014343859	$2.85384 \times 10^{29}$
<i>EIF3F</i>	39	48.07692308	0.010655328	$1.78764 \times 10^{30}$
<i>PSMA3</i>	38	190.1111111	0.041166331	$2.35062 \times 10^{30}$
<i>ACTR10</i>	38	190.1111111	0.041166331	$2.35062 \times 10^{30}$
<i>TEX2</i>	38	190.1111111	0.041166331	$2.35062 \times 10^{30}$
<i>USP4</i>	38	165.0833333	0.034812927	$1.68104 \times 10^{30}$
<i>AP3S2</i>	38	184.0833333	0.040151646	$2.23617 \times 10^{30}$
<i>OPA1</i>	38	177.1142857	0.037645073	$1.96569 \times 10^{30}$
<i>RHOA</i>	38	165.0833333	0.034812927	$1.68104 \times 10^{30}$
<i>UQCR11</i>	38	158.4736842	0.036457749	$2.35786 \times 10^{30}$
<i>USP5</i>	37	208.8518519	0.033711277	$1.57633 \times 10^{30}$
<i>TPI1</i>	37	208.8518519	0.033711277	$1.57633 \times 10^{30}$
<i>PSMB6</i>	37	72.56756757	0.015452455	$3.31202 \times 10^{29}$
<i>RPL4</i>	37	160.7567568	0.035676782	$1.76551 \times 10^{30}$
<i>FIP1L1</i>	37	173.2258065	0.031561853	$1.38173 \times 10^{30}$
<i>ELK4</i>	37	168.5428571	0.034242274	$1.62638 \times 10^{30}$
<i>PARP1</i>	37	208.7307692	0.032356507	$1.45218 \times 10^{30}$
<i>USP8</i>	37	167.5142857	0.034804912	$1.68027 \times 10^{30}$
<i>FBXW2</i>	37	68.32432432	0.014887025	65.92307692
<i>MFN2</i>	36	166.8823529	0.03320841	$1.52966 \times 10^{30}$
<i>RAF1</i>	35	195.3125	0.037727655	$1.97432 \times 10^{30}$
<i>UBE2M</i>	35	145.0857143	0.030410289	$1.28274 \times 10^{30}$
<i>MRPL10</i>	35	99.6	0.021393908	$6.3486 \times 10^{29}$
<i>BRI3</i>	35	165.2571429	0.034645834	$1.66495 \times 10^{30}$
<i>CHMP2A</i>	35	145.0857143	0.030410289	$1.28274 \times 10^{30}$
<i>ADRM1</i>	35	145.0857143	0.030410289	$1.28274 \times 10^{30}$
<i>ATG3</i>	34	167.78125	0.031618316	$1.38668 \times 10^{30}$
<i>ZDHHC5</i>	34	163.71875	0.030624029	$1.30084 \times 10^{30}$
<i>CRAT</i>	34	179.34375	0.03411092	$1.61393 \times 10^{30}$
<i>DCTN2</i>	34	95.02941176	0.019391184	$5.21563 \times 10^{29}$

<i>DHX36</i>	34	206.0645161	0.038469584	$2.05274 \times 10^{30}$
<i>BAP1</i>	34	168.8235294	0.034328001	$1.63454 \times 10^{30}$
<i>MAPK1</i>	33	186.1290323	0.03370739	$1.57597 \times 10^{30}$
<i>YWHAE</i>	33	189.3548387	0.034101319	$1.61302 \times 10^{30}$
<i>COPA</i>	33	186.1290323	0.03370739	$1.57597 \times 10^{30}$
<i>HSP90AB1</i>	33	184.9354839	0.034044412	$1.60764 \times 10^{30}$
<i>CTDSP2</i>	33	186.1290323	0.03370739	$1.57597 \times 10^{30}$
<i>POLDIP2</i>	33	56.81818182	0.010230319	$1.57597 \times 10^{30}$
<i>KLHL7</i>	32	186.5333333	0.032784646	$1.49087 \times 10^{30}$
<i>ACTR1A</i>	32	74.875	0.013452745	$2.51027 \times 10^{29}$
<i>CBX1</i>	32	100.0625	0.019309103	$5.17157 \times 10^{29}$
<i>MPP6</i>	31	178.4137931	0.030107788	$1.25735 \times 10^{30}$
<i>NCOR1</i>	31	196.0967742	0.036874889	$1.88608 \times 10^{30}$
<i>TIMM44</i>	31	210.137931	0.036836922	$1.88219 \times 10^{30}$
<i>AMFR</i>	31	194.1034483	0.032747488	$1.48749 \times 10^{30}$
<i>CTBP1</i>	31	210.137931	0.036836922	$1.88219 \times 10^{30}$
<i>AGGF1</i>	31	210.137931	0.036836922	$1.88219 \times 10^{30}$
<i>CYC1</i>	31	190.3793103	0.032135756	$1.43244 \times 10^{30}$
<i>KIF1C</i>	31	210.137931	0.036836922	$1.88219 \times 10^{30}$
<i>LARP1B</i>	31	210.137931	0.036836922	$1.88219 \times 10^{30}$
<i>ADSSL1</i>	31	176.6129032	0.032611	$1.47512 \times 10^{30}$
<i>MEF2A</i>	31	181.8064516	0.033836762	$1.58809 \times 10^{30}$
<i>AUH</i>	31	197.6896552	0.034190547	$1.62147 \times 10^{30}$
<i>SGCB</i>	31	210.137931	0.036836922	$1.88219 \times 10^{30}$
<i>RNF6</i>	31	210.137931	0.036836922	$1.88219 \times 10^{30}$
<i>PACS2</i>	31	181.8064516	0.033836762	$1.58809 \times 10^{30}$
<i>OXR1</i>	31	181.8064516	0.033836762	$1.58809 \times 10^{30}$
<i>MED16</i>	30	196.9285714	0.032666072	$1.4801 \times 10^{30}$
<i>DHX15</i>	30	188.9285714	0.031124808	$1.34373 \times 10^{30}$
<i>AP3D1</i>	30	198.6785714	0.032870564	$1.49869 \times 10^{30}$
<i>COX7A2L</i>	30	61.56666667	0.010701196	$1.58841 \times 10^{29}$
<i>PPP6R3</i>	30	219.3571429	0.037208892	$1.9204 \times 10^{30}$
<i>RPS18</i>	30	157.5666667	0.028191441	$1.10238 \times 10^{30}$
<i>GDE1</i>	29	203.7407407	0.031854172	$1.40744 \times 10^{30}$
<i>COQ9</i>	29	206.037037	0.032854815	$1.49726 \times 10^{30}$
<i>KIFAP3</i>	29	206.5925926	0.033121325	$1.52164 \times 10^{30}$
<i>NDUFA8</i>	29	188.6551724	0.032610652	$1.47508 \times 10^{30}$
<i>LARS</i>	29	203.7407407	0.031854172	$1.40744 \times 10^{30}$
<i>SNRPB</i>	29	203.7407407	0.031854172	$1.40744 \times 10^{30}$
<i>ETFA</i>	29	168.4827586	0.028580468	$1.84018 \times 10^{30}$
<i>JTB</i>	28	201.75	0.033628316	$1.56859 \times 10^{30}$
<i>PGAM2</i>	28	103.3214286	0.017519124	$4.25719 \times 10^{29}$
<i>TRAPPC1</i>	28	201.75	0.033628316	$1.56859 \times 10^{30}$
<i>PITPNB</i>	28	201.75	0.033628316	$1.56859 \times 10^{30}$
<i>MEF2D</i>	27	214.52	0.031184881	$1.34892 \times 10^{30}$

<i>PSMB5</i>	27	171.7777778	0.027098883	$1.01859 \times 10^{30}$
<i>RPL14</i>	27	220.7037037	0.035965603	$1.79421 \times 10^{30}$
<i>CAPZB</i>	27	79.66666667	0.012889074	$2.30431 \times 10^{29}$
<i>RAD23A</i>	27	101.6666667	0.0166569	$4.25719 \times 10^{29}$
<i>ATP5B</i>	26	227.4166667	0.031742113	$1.39756 \times 10^{30}$
<i>RPL3L</i>	26	227.4166667	0.031742113	$1.39756 \times 10^{30}$
<i>DYM</i>	26	227.4166667	0.031742113	$1.39756 \times 10^{30}$
<i>RPS11</i>	26	109.4615385	0.017282587	$4.143 \times 10^{29}$
<i>KANSL1L</i>	26	229.7083333	0.032841195	$1.49601 \times 10^{30}$
<i>HSPA9</i>	26	212.5	0.029835653	$1.23472 \times 10^{30}$
<i>KLHDC2</i>	26	223.125	0.031104012	$1.34193 \times 10^{30}$
<i>CCT2</i>	26	227.4166667	0.031742113	$1.39756 \times 10^{30}$
<i>NDUFV1</i>	26	229.7083333	0.032841195	$1.49601 \times 10^{30}$
<i>UBQLN4</i>	26	223.125	0.031104012	$1.34193 \times 10^{30}$
<i>EFCAB14</i>	26	229.7083333	0.032841195	$1.49601 \times 10^{30}$
<i>E2F6</i>	26	121.4615385	0.018417602	$4.70505 \times 10^{29}$
<i>SEC13</i>	26	212.5	0.029835653	$1.23472 \times 10^{30}$
<i>RPL13A</i>	26	109.4615385	0.017282587	$4.143 \times 10^{29}$
<i>PSMC6</i>	26	229.7083333	0.032841195	$1.49601 \times 10^{30}$
<i>SNF8</i>	26	122.4615385	0.01925279	$5.14145 \times 10^{29}$
<i>COX6C</i>	26	209.2692308	0.032471453	$1.46252 \times 10^{30}$
<i>RPS25</i>	26	122.4615385	0.01925279	$1.15072 \times 10^{30}$
<i>ARF1</i>	26	216.4583333	0.030574316	$1.15072 \times 10^{30}$
<i>CNOT4</i>	26	216.0416667	0.030455479	$1.27464 \times 10^{30}$
<i>NR2C2</i>	26	228.9166667	0.032084141	$1.49601 \times 10^{30}$
<i>EIF2AK1</i>	25	238.2	0.035934788	$1.79113 \times 10^{30}$
<i>ABCF2</i>	25	178.68	0.026059561	$9.41959 \times 10^{29}$
<i>IPO8</i>	25	238.2	0.035934788	$1.79113 \times 10^{30}$
<i>ARFGEF1</i>	25	238.2	0.035934788	$1.79113 \times 10^{30}$
<i>DHX8</i>	25	238.2	0.035934788	$1.79113 \times 10^{30}$
<i>NGLY1</i>	25	238.2	0.035934788	$1.79113 \times 10^{30}$
<i>UBR1</i>	25	238.2	0.035934788	$1.79113 \times 10^{30}$
<i>PDS5A</i>	25	238.2	0.035934788	$1.79113 \times 10^{30}$
<i>CC2D1A</i>	25	238.2	0.035934788	$1.79113 \times 10^{30}$
<i>RLIM</i>	25	238.2	0.035934788	$1.79113 \times 10^{30}$
<i>DENND5A</i>	25	238.2	0.035934788	$1.79113 \times 10^{30}$
<i>USP7</i>	25	238.2	0.035934788	$1.79113 \times 10^{30}$
<i>NRD1</i>	25	215.3043478	0.028802884	$1.15072 \times 10^{30}$
<i>SMARCAL1</i>	25	238.2	0.035934788	$1.79113 \times 10^{30}$
<i>IVNS1ABP</i>	25	238.2	0.035934788	$1.79113 \times 10^{30}$
<i>DHX9</i>	25	238.2	0.035934788	$1.79113 \times 10^{30}$
<i>SDHC</i>	25	79.36	0.011093539	$1.70702 \times 10^{29}$
<i>SET</i>	25	79.36	0.011093539	$1.70702 \times 10^{29}$
<i>CLCN4</i>	25	238.2	0.035934788	$1.79113 \times 10^{30}$
<i>ZMYM5</i>	25	238.2	0.035934788	$1.79113 \times 10^{30}$

<i>EEF1B2</i>	25	217.24	0.032240968	$1.44183 \times 10^{30}$
<i>G3BP1</i>	25	238.2	0.035934788	$1.79113 \times 10^{30}$
<i>EIF4ENIF1</i>	25	238.2	0.035934788	$1.79113 \times 10^{30}$
<i>KDM7A</i>	25	238.2173913	0.031989236	$1.4194 \times 10^{30}$
<i>NFU1</i>	25	224.2608696	0.030314137	$1.27464 \times 10^{30}$
<i>PWP1</i>	25	238.2	0.035934788	$1.79113 \times 10^{30}$
<i>SCN4A</i>	25	238.2	0.035934788	$1.79113 \times 10^{30}$
<i>EIF4G1</i>	25	238.2	0.035934788	$1.79113 \times 10^{30}$
<i>EIF1</i>	25	212.52	0.031406076	$1.36812 \times 10^{30}$
<i>DENND4C</i>	25	238.2	0.035934788	$1.79113 \times 10^{30}$
<i>LTN1</i>	25	238.2	0.035934788	$1.79113 \times 10^{30}$
<i>CHMP4B</i>	24	225.6666667	0.032276552	$1.44501 \times 10^{30}$
<i>NDUFB3</i>	24	189.5833333	0.026575617	$9.79636 \times 10^{29}$
<i>PRCC</i>	24	248.6818182	0.032252326	$1.44285 \times 10^{30}$
<i>MRPS31</i>	24	137.375	0.018942288	$4.97694 \times 10^{29}$
<i>SLC2A4</i>	24	248.6818182	0.032252326	$1.44285 \times 10^{30}$
<i>COX4I1</i>	24	189.5833333	0.026575617	$9.79636 \times 10^{29}$
<i>EMC2</i>	23	239.6190476	0.029455611	$1.20347 \times 10^{30}$
<i>RPL35</i>	23	88.52173913	0.011201492	$1.7404 \times 10^{29}$
<i>ARPC5L</i>	23	88.52173913	0.011201492	$1.7404 \times 10^{29}$
<i>MAP4K5</i>	22	255.8	0.029937468	$1.24316 \times 10^{30}$
<i>ARL2</i>	22	75.77272727	0.009530075	$1.25977 \times 10^{29}$
<i>RAB1B</i>	22	90.40909091	0.011291552	$1.7685 \times 10^{29}$
<i>RNF14</i>	22	260.45	0.030396719	$1.2816 \times 10^{30}$
<i>CHMP7</i>	22	68.77272727	0.008238804	$9.41513 \times 10^{28}$
<i>MRPS21</i>	22	77.68181818	0.009704774	$1.25977 \times 10^{29}$
<i>LSM4</i>	22	100.7272727	0.012970636	$4.25719 \times 10^{29}$
<i>TMEM38A</i>	21	263.6315789	0.029168445	$1.18012 \times 10^{30}$
<i>SGTA</i>	21	263.6315789	0.029168445	$1.18012 \times 10^{30}$
<i>CAPNS1</i>	21	263.6315789	0.029168445	$1.18012 \times 10^{30}$
<i>DNAJA3</i>	21	263.6315789	0.029168445	$1.18012 \times 10^{30}$
<i>ADH5</i>	21	92.0952381	0.010461128	$1.51794 \times 10^{29}$
<i>RNF185</i>	21	100.4761905	0.011793849	$1.92934 \times 10^{29}$
<i>SKI</i>	21	281.4210526	0.031138648	$1.34492 \times 10^{30}$
<i>SLTM</i>	21	263.6315789	0.029168445	$1.18012 \times 10^{30}$
<i>FECH</i>	21	270	0.030123963	$1.2587 \times 10^{30}$
<i>RPL37A</i>	21	250.5238095	0.031069304	$1.33894 \times 10^{30}$
<i>FKBP9</i>	21	247.6190476	0.030655684	$1.33894 \times 10^{30}$
<i>SLC35E1</i>	21	263.6315789	0.029168445	$1.33894 \times 10^{30}$
<i>TMED10</i>	20	110.9	0.013028903	$2.35458 \times 10^{29}$
<i>H1FO</i>	20	71	0.007640864	$8.09809 \times 10^{28}$
<i>EDC4</i>	20	249.0526316	0.027635893	$1.05936 \times 10^{30}$
<i>BYSL</i>	19	128.1052632	0.014923381	$3.0891 \times 10^{29}$
<i>TMEM<sup>30A</sup></i>	19	273.8421053	0.030508357	$1.29103 \times 10^{30}$
<i>PSME3</i>	19	128.1052632	0.014923381	$3.0891 \times 10^{29}$

<i>UQCR10</i>	19	128.1052632	0.014923381	$3.0891 \times 10^{29}$
<i>UBE2V1</i>	19	128.1052632	0.014923381	$3.0891 \times 10^{29}$
<i>AURKAIP1</i>	19	109.1052632	0.012277005	$2.09066 \times 10^{29}$
<i>RPL27A</i>	19	128.1052632	0.014923381	$3.0891 \times 10^{29}$
<i>SDF4</i>	19	109.1052632	0.012277005	$2.09066 \times 10^{29}$
<i>COA3</i>	19	128.1052632	0.014923381	$3.0891 \times 10^{29}$
<i>VPS26A</i>	19	128.1052632	0.014923381	$3.0891 \times 10^{29}$
<i>SUCLG1</i>	19	271.9411765	0.026951254	$1.00753 \times 10^{30}$
<i>UBE2J2</i>	19	109.1052632	0.012277005	$2.09066 \times 10^{29}$
<i>PSMA1</i>	19	128.1052632	0.014923381	$3.0891 \times 10^{29}$
<i>NDUFB2</i>	19	128.1052632	0.014923381	$3.0891 \times 10^{29}$
<i>GABARAPL2</i>	17	111.3529412	0.010569496	$1.54955 \times 10^{29}$
<i>COLGALT1</i>	17	102	0.009363501	$1.21611 \times 10^{29}$
<i>KAT2B</i>	17	292.8125	0.02730014	$1.03378 \times 10^{30}$
<i>HIBADH</i>	17	107.5882353	0.010752216	$1.60359 \times 10^{29}$
<i>TOLLIP</i>	17	101.4705882	0.009906341	$1.36121 \times 10^{29}$
<i>NDUFA4</i>	17	108.2941176	0.00994063	$1.37065 \times 10^{29}$
<i>VBP1</i>	16	337.4	0.029484208	$1.2058 \times 10^{30}$
<i>DOLK</i>	16	336.3333333	0.02939449	$1.19848 \times 10^{30}$
<i>NDE1</i>	16	131.1875	0.011584312	$1.86139 \times 10^{29}$
<i>PECAM1</i>	16	123.875	0.011017973	$1.77 \times 10^{29}$
<i>STUB1</i>	15	304.0666667	0.026772848	$9.9423 \times 10^{29}$
<i>YWHAB</i>	15	87.86666667	0.00704031	$6.87514 \times 10^{28}$
<i>CHCHD10</i>	15	114.3333333	0.009355117	$1.21394 \times 10^{29}$
<i>SNRNP27</i>	14	128.4285714	0.009828572	$1.33992 \times 10^{29}$
<i>SGPP1</i>	14	132.3571429	0.010927653	$1.65635 \times 10^{29}$
<i>BCL2L2</i>	14	128.4285714	0.009828572	$1.33992 \times 10^{29}$
<i>ADIPOR1</i>	14	128.4285714	0.009828572	$1.33992 \times 10^{29}$
<i>RPS2</i>	14	128.4285714	0.009828572	$1.33992 \times 10^{29}$
<i>NDUFA6</i>	14	102.8571429	0.007922111	$8.70522 \times 10^{28}$
<i>RNPS1</i>	14	128.4285714	0.009828572	$1.33992 \times 10^{29}$
<i>RNF103</i>	13	99.38461538	0.006889343	$6.58345 \times 10^{28}$
<i>BROX</i>	13	139.9230769	0.010075695	$1.40815 \times 10^{29}$
<i>OAZ1</i>	13	128.8461538	0.009544127	$1.33992 \times 10^{29}$
<i>PSMC4</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>FOXJ2</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>EIF3D</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>CSNK2A1</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>OGDH</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>PRDM4</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>CCNI</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>RTN2</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>NDUFA10</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>HRC</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>ATP6V1E1</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$



<i>ABCB7</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>CAPN7</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>UTP3</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>MRPL44</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>PPP2R5A</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>SNW1</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>MAP2K2</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>FAM20B</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>COPS4</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>ZFR</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>FBXO3</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>ETNK1</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>NDUFA9</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>FITM1</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>GALNT1</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>UBXN4</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>CDK16</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>PIGT</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>ACAD8</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>VPS26B</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>USP12</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>TMBIM4</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>NOMO1</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>OGFR</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>ABCE1</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>VPS35</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>SDHAF2</i>	12	149.6666667	0.009901817	$1.35997 \times 10^{29}$
<i>DDB1</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>UQCRFS1</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>PRKACA</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>SRP68</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>HP1BP3</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>FBXW5</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>KHDRBS1</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>DVL3</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>TCP1</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>NCL</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>YME1L1</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>PKM</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>GLYR1</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>HADHB</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>RUFY1</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>MDH2</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>MXI1</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>EEF1G</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$

<i>MTA1</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>FOXK2</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>UBA1</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>MIOS</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>SSX2IP</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>PHF10</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>SERINC1</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>CDH5</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>VCP</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>LONP1</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>UBA3</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>DCTN1</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>GNPAT</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>HDGF</i>	12	150.9166667	0.010338784	$1.48264 \times 10^{29}$
<i>BCCIP</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>BUB3</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>ATP6AP1</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>GHITM</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>VDAC2</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>PPA1</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>KPNA6</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>SRSF4</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>RPL10A</i>	12	150.9166667	0.010338784	$1.48264 \times 10^{29}$
<i>ALDH4A1</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>UBQLN1</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>TCOF1</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>CENPB</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>HADHA</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>IDH3B</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>NUPL1</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>MTMR6</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>RHBDD1</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>CCT4</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>ULK2</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>PLAA</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>KCMF1</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>IMMT</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>NDUFS1</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>ECD</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>HHATL</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>PPP2R5D</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>UHMK1</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>ETFDH</i>	12	383.0833333	0.026809239	$9.96935 \times 10^{29}$
<i>HDAC2</i>	12	383.0833333	0.026809239	9.969351
<i>CCDC90B</i>	12	383.0833333	0.026809239	9.969351

<i>DPF2</i>	12	383.0833333	0.026809239	9.969351
<i>TPCN1</i>	12	383.0833333	0.026809239	9.969351
<i>NDRG2</i>	12	383.0833333	0.026809239	9.969351
<i>DDX42</i>	12	383.0833333	0.026809239	9.969351
<i>DNAJC3</i>	12	383.0833333	0.026809239	9.969351
<i>STIM1</i>	12	383.0833333	0.026809239	9.969351
<i>RAB18</i>	12	383.0833333	0.026809239	9.969351
<i>HNRNPDL</i>	12	383.0833333	0.026809239	9.969351
<i>BAG1</i>	11	128.9090909	0.007721052	$8.26896 \times 10^{28}$
<i>RPL19</i>	10	154.9	0.008483177	$9.98194 \times 10^{28}$
<i>TERF2IP</i>	10	169.1	0.009235879	$1.18319 \times 10^{29}$
<i>PEF1</i>	10	154.9	0.008483177	$9.98194 \times 10^{28}$
<i>LSM12</i>	10	124.8	0.006629217	$9.98194 \times 10^{28}$
<i>TUSC2</i>	9	149.8888889	0.007254903	$7.30064 \times 10^{28}$
<i>TXNL4A</i>	9	149.8888889	0.007254903	$7.30064 \times 10^{28}$
<i>PAM16</i>	9	149.8888889	0.007254903	$7.30064 \times 10^{28}$
<i>MPC2</i>	9	149.8888889	0.007254903	$7.30064 \times 10^{28}$
<i>TMBIM6</i>	9	149.8888889	0.007254903	$7.30064 \times 10^{28}$
<i>TNNC1</i>	8	152.75	0.00647825	$5.82121 \times 10^{28}$
<i>THAP11</i>	8	75.875	0.003276712	$1.48927 \times 10^{28}$
<i>DNAJC<sup>30</sup></i>	8	75.875	0.003276712	$1.48927 \times 10^{28}$
<i>PNO1</i>	6	165.6666667	0.005483689	$4.17103 \times 10^{28}$
<i>NDUFB9</i>	6	164.1666667	0.00543306	$4.09437 \times 10^{28}$
<i>ARL1</i>	5	113	0.002970556	$1.22398 \times 10^{28}$
<i>RPS7</i>	4	127	0.002646935	$9.71817 \times 10^{27}$
<i>PAIP2</i>	4	127	0.002646935	$9.71817 \times 10^{27}$
<i>BUD31</i>	1	4	1.07729E-05	$1.60978 \times 10^{23}$

Table S2. Network measures for the Drug nodes in the Drug Disease Knowledge Graph (DDKG).

Drug Names	Degree	Neighborhood Connectivity	Eigenvector Centrality	Subgraph Centrality
DOXORUBICIN	21	10	$3.01 \times 10^{-15}$	994,567.015
ARCITUMOMAB	76	10	$1.24 \times 10^{-14}$	17,301,295.9
NELARABINE	21	10	$3.03 \times 10^{-15}$	994,567.015
IFOSFAMIDE	21	10	$3 \times 10^{-15}$	994,567.015
IXABEPILONE	21	10	$3.01 \times 10^{-15}$	994,567.015
IMATINIB	21	10	$2.96 \times 10^{-15}$	994,567.015
ETOPOSIDE	37	10	$6.2 \times 10^{-15}$	4,284,550.57
NIMODIPINE	49	10	$8.13 \times 10^{-15}$	7,458,879.19
TEMOZOLOMIDE	12	10	$1.53 \times 10^{-15}$	251,605.014
METHOTREXATE	12	10	$1.5 \times 10^{-15}$	251,605.014
CANAGLIFLOZIN	17	10	$2.55 \times 10^{-16}$	25,038.3588
INSULIN REGULAR	17	10	$2.62 \times 10^{-16}$	25,038.3588

INSULIN LISPRO	17	10	$2.3 \times 10^{-16}$	25,038.3588
INSULIN ASPART	17	10	$2.25 \times 10^{-16}$	25,038.3588
INSULIN GLARGINE	17	10	$2.67 \times 10^{-16}$	25,038.3588
INSULIN, ISOPHANE	17	10	$2.33 \times 10^{-16}$	25,038.3588
INSULIN GLULISINE	17	10	$2.22 \times 10^{-16}$	25,038.3588
INSULIN DETEMIR	17	10	$2.45 \times 10^{-16}$	25,038.3588
PRAMLINTIDE	17	10	$2.36 \times 10^{-16}$	25,038.3588
L-CARNITINE	58	10	$6.47 \times 10^{-16}$	272,705.747
TRANLYCYPROMINE	6	10	$-3.73 \times 10^{-18}$	126.740606
FLUOXETINE	7	10	$1.18 \times 10^{-17}$	151.497096
MAPROTILINE	7	10	$-2.98 \times 10^{-17}$	151.497096
RISPERIDONE	6	10	$-1.61 \times 10^{-17}$	126.740606
SERTRALINE	7	10	$-2.5 \times 10^{-17}$	151.497096
PAROXETINE	7	10	$8.68 \times 10^{-18}$	151.497096
LAMOTRIGINE	6	10	$1.33 \times 10^{-17}$	126.740606
PHENELZINE	7	10	$-5.5 \times 10^{-18}$	151.497096
VENLAFAXINE	6	10	$-2.47 \times 10^{-17}$	126.740606
ISOCARBOXAZID	6	10	$8.71 \times 10^{-18}$	126.740606
L-CARNITINE	58	10	$2.26 \times 10^{-15}$	6,846,278.94
THIAMINE	35	10	$2.31 \times 10^{-15}$	6,846,278.94
GALSULFASE	35	10	$2.29 \times 10^{-15}$	6,846,278.94
IDURSULFASE	35	10	$2.3 \times 10^{-15}$	6,846,278.94
ROSUVASTATIN	35	10	$2.3 \times 10^{-15}$	6,846,278.94
CYSTEAMINE	35	10	$2.31 \times 10^{-15}$	6,846,278.94
AGALSIDASE BETA	35	10	$2.26 \times 10^{-15}$	6,846,278.94
VITAMIN C	35	10	$2.32 \times 10^{-15}$	6,846,278.94
RIBOFLAVIN	35	10	$2.3 \times 10^{-15}$	6,846,278.94
CALCIUM ACETATE	35	10	$2.31 \times 10^{-15}$	6,846,278.94
KETOCONAZOLE	39	10	0.2236068	18,862,482.1
SULFISOXAZOLE	39	10	0.2236068	18,862,482.1
TINIDAZOLE	39	10	0.2236068	18,862,482.1
CHLOROQUINE	39	10	0.2236068	18,862,482.1
TETRACYCLINE	39	10	0.2236068	18,862,482.1
IVERMECTIN	39	10	0.2236068	18,862,482.1
PIPERAZINE	39	10	0.2236068	18,862,482.1
SURAMIN	39	10	0.2236068	18,862,482.1
DIETHYLCARBAMAZINE	39	10	0.2236068	18,862,482.1
ALBENDAZOLE	39	10	0.2236068	18,862,482.1
BUDESONIDE	22	10	$2.46 \times 10^{-16}$	138,229.581
OLSALAZINE	22	10	$2.48 \times 10^{-16}$	138,229.581
BALSALAZIDE	22	10	$2.2 \times 10^{-16}$	138,229.581
HYDROCORTISONE	22	10	$2.24 \times 10^{-16}$	138,229.581
SULFASALAZINE	22	10	$2.25 \times 10^{-16}$	138,229.581

CERTOLIZUMAB PEGOL	22	10	$2.27 \times 10^{-16}$	138,229.581
AZATHIOPRINE	22	10	$2 \times 10^{-16}$	138,229.581
INFLIXIMAB	22	10	$2.38 \times 10^{-16}$	138,229.581
GOLIMUMAB	22	10	$2.22 \times 10^{-16}$	138,229.581
ADALIMUMAB	22	10	$2.44 \times 10^{-16}$	138,229.581
L-ARGININE	50	10	$8.85 \times 10^{-15}$	8,954,934.94
HYDRALAZINE	45	10	$8.47 \times 10^{-15}$	8,223,630.15
MEMANTINE	9	9	$1.51 \times 10^{-15}$	255,174.059
GALANTAMINE	1	5	$7.07 \times 10^{-17}$	839.253743
PREDNISONE	54	10	$9.27 \times 10^{-15}$	9,859,840.45
PREDNISOLONE	49	10	$8.81 \times 10^{-15}$	8,890,290.51
WARFARIN	19	10	$3.63 \times 10^{-15}$	1,523,624.8
DICHLORPHENAMIDE	7	10	$1.24 \times 10^{-15}$	171,139.347
FLUOCINOLONE				
ACETONIDE	7	10	$1.24 \times 10^{-15}$	171,139.347
LOTEPREDNOL	7	10	$1.23 \times 10^{-15}$	171,139.347
L-ORNITHINE	43	10	$8.26 \times 10^{-15}$	7,770,468.81
ANASTROZOLE	8	10	$1.42 \times 10^{-15}$	226,794.168
CINNARIZINE	8	10	$1.42 \times 10^{-15}$	226,794.168
VERAPAMIL	20	10	$3.86 \times 10^{-15}$	1,681,914.24
N-ACETYL-D-GLUCOSAMINE	6	10	$5.64 \times 10^{-16}$	37,755.8589
INDOMETHACIN	6	10	$5.62 \times 10^{-16}$	37,755.8589
DIHYDROTACHYSTEROL	6	10	$5.67 \times 10^{-16}$	37,755.8589
ERGOCALCIFEROL	6	10	$5.52 \times 10^{-16}$	37,755.8589
IBUPROFEN	6	10	$5.85 \times 10^{-16}$	37,755.8589
DESMOPRESSIN	6	10	$5.85 \times 10^{-16}$	37,755.8589
ALENDRONATE	6	10	$5.76 \times 10^{-16}$	37,755.8589
ENOXAPARIN	5	10	$4.58 \times 10^{-16}$	25,126.9
HEPARIN	5	10	$4.71 \times 10^{-16}$	25,126.9
UROKINASE	5	10	$4.66 \times 10^{-16}$	25,126.9
STREPTOKINASE	5	10	$4.81 \times 10^{-16}$	25,126.9
ACENOCOUMAROL	5	10	$4.69 \times 10^{-16}$	25,126.9
ARGATROBAN	5	10	$4.71 \times 10^{-16}$	25,126.9
NADROPARIN	5	10	$4.65 \times 10^{-16}$	25,126.9
LUCINACTANT	16	10	$3.16 \times 10^{-15}$	1,160,436.78
CLINDAMYCIN	16	10	$3.15 \times 10^{-15}$	1,160,436.78
TELITHROMYCIN	16	10	$3.16 \times 10^{-15}$	1,160,436.78
MELATONIN	1	10	$-1.08 \times 10^{-18}$	2.95815542
AMPHETAMINE	1	10	$1.04 \times 10^{-17}$	2.95815542
CITALOPRAM	1	10	$1.01 \times 10^{-17}$	2.95815542
AMISULPRIDE	1	10	$5.15 \times 10^{-18}$	2.95815542
FLUVOXAMINE	1	10	$-9.29 \times 10^{-18}$	2.95815542
ISOPROPAMIDE	7	10	$1.43 \times 10^{-15}$	230,272.897

DRONEDARONE	5	10	$1.02 \times 10^{-15}$	116,165.404
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