

APC-wt colon cancer was significantly enriched in 115 KEGG pathways

NAME	GS	fo	GS	DETAILS	SIZE	ES	NES	NOM	p-val	FDR	q-val	FWER	p-val
KEGG_FOAI	KEGG_FOAI	Details	..			197	0.7570188	2.5582616	0		0		0
KEGG_ECM	KEGG_ECM	Details	..			84	0.8450392	2.4824934	0		0		0
KEGG_TGF	KEGG_TGF	Details	..			85	0.699227	2.396502	0		0		0
KEGG_HEDG	KEGG_HEDG	Details	..			56	0.7310603	2.3887923	0		0		0
KEGG_PATH	KEGG_PATH	Details	..			321	0.6324012	2.3709183	0		0		0
KEGG_CYTO	KEGG_CYTO	Details	..			257	0.6428217	2.3637373	0		0		0
KEGG_DILA	KEGG_DILA	Details	..			90	0.7160319	2.360433	0		0		0
KEGG_HYPE	KEGG_HYPE	Details	..			83	0.7112744	2.3550224	0		0		0
KEGG_BASA	KEGG_BASA	Details	..			55	0.7120349	2.3016324	0	1.45E-04		0.001	
KEGG_REGU	KEGG_REGU	Details	..			211	0.6093289	2.3015594	0	1.31E-04		0.001	
KEGG_AXON	KEGG_AXON	Details	..			127	0.6478015	2.280815	0	2.38E-04		0.001	
KEGG_CELL	KEGG_CELL	Details	..			128	0.7177891	2.2629921	0	2.18E-04		0.001	
KEGG_MELA	KEGG_MELA	Details	..			71	0.6393313	2.2466903	0	2.83E-04		0.002	
KEGG_RENA	KEGG_RENA	Details	..			66	0.6867642	2.2287743	0	2.63E-04		0.002	
KEGG_GAP	KEGG_GAP	Details	..			88	0.6145355	2.22563	0	2.45E-04		0.002	
KEGG_MAPK	KEGG_MAPK	Details	..			265	0.5767839	2.217498	0	2.74E-04		0.003	
KEGG_MELA	KEGG_MELA	Details	..			101	0.6050672	2.2054012	0	2.58E-04		0.003	
KEGG_ARRH	KEGG_ARRH	Details	..			74	0.6833643	2.1969879	0	3.47E-04		0.005	
KEGG_HEMA	KEGG_HEMA	Details	..			85	0.7132903	2.1830263	0	4.91E-04		0.007	
KEGG_CALC	KEGG_CALC	Details	..			176	0.5808979	2.1566815	0	9.05E-04		0.011	
KEGG_GLYC	KEGG_GLYC	Details	..			21	0.7722973	2.1509366	0	0.0010698		0.013	
KEGG_LEUK	KEGG_LEUK	Details	..			115	0.6243677	2.1440198	0	0.0010212		0.013	
KEGG_JAK	KEGG_JAK	Details	..			151	0.575643	2.1409948	0.002004	9.77E-04		0.013	
KEGG_WNT	KEGG_WNT	Details	..			149	0.571755	2.1285226	0	0.0012179		0.02	
KEGG_GLYC	KEGG_GLYC	Details	..			26	0.7095917	2.0743122	0	0.0024357		0.038	
KEGG_NEUR	KEGG_NEUR	Details	..			270	0.5265302	2.060153	0	0.0028584		0.047	
KEGG_CHEM	KEGG_CHEM	Details	..			184	0.6052579	2.0568697	0	0.0029295		0.05	
KEGG_SMAL	KEGG_SMAL	Details	..			84	0.6172912	2.0532057	0	0.0029061		0.051	
KEGG_LYSO	KEGG_LYSO	Details	..			119	0.6449431	2.04916	0	0.0029482		0.054	
KEGG_GLYC	KEGG_GLYC	Details	..			22	0.7997208	2.047203	0	0.0029929		0.057	
KEGG_TOLL	KEGG_TOLL	Details	..			101	0.5795874	2.0360425	0.00409	0.0033098		0.063	
KEGG_COMPI	KEGG_COMPI	Details	..			69	0.6784996	2.0193384	0	0.0037971		0.076	
KEGG_PROS	KEGG_PROS	Details	..			89	0.588153	2.0018654	0	0.0043582		0.087	
KEGG_NEUR	KEGG_NEUR	Details	..			125	0.5786549	1.9879212	0	0.005005		0.104	
KEGG_GLIO	KEGG_GLIO	Details	..			65	0.5951785	1.9777609	0	0.0052007		0.111	
KEGG_ADHE	KEGG_ADHE	Details	..			68	0.6035044	1.9666892	0	0.0057177		0.122	
KEGG_GLYC	KEGG_GLYC	Details	..			15	0.7473547	1.9592421	0.0077821	0.0061436		0.131	
KEGG_PANC	KEGG_PANC	Details	..			69	0.5903887	1.9589719	0	0.0060014		0.132	
KEGG_DORS	KEGG_DORS	Details	..			24	0.6370549	1.9462773	0.0020576	0.0066355		0.145	
KEGG_VASC	KEGG_VASC	Details	..			113	0.5658289	1.9459258	0.0059406	0.0064955		0.146	
KEGG_ADIP	KEGG_ADIP	Details	..			67	0.5707006	1.9274896	0.0040984	0.00752		0.16	
KEGG_NOD	KEGG_NOD	Details	..			60	0.5972339	1.9268221	0.005988	0.0074036		0.16	
KEGG_CHRO	KEGG_CHRO	Details	..			73	0.6028569	1.9063827	0.0020161	0.0084033		0.175	
KEGG_LEIS	KEGG_LEIS	Details	..			70	0.6640824	1.9061394	0.0176817	0.0082123		0.175	
KEGG_LONG	KEGG_LONG	Details	..			68	0.5212762	1.9045513	0	0.0082288		0.179	
KEGG_COLO	KEGG_COLO	Details	..			62	0.5908852	1.8996061	0.002004	0.0084304		0.185	
KEGG_MTOR	KEGG_MTOR	Details	..			51	0.5740153	1.8988478	0.0040733	0.0083109		0.185	
KEGG_T_CE	KEGG_T_CE	Details	..			106	0.5907225	1.8970954	0.0119522	0.008289		0.186	
KEGG_ABC	KEGG_ABC	Details	..			44	0.5575292	1.8886939	0.006263	0.0089152		0.198	

KEGG_NATUIKEGG_NATUIDetails ..	131	0.5400499	1.8813905	0.0099206	0.009171	0.203
KEGG_ACUTIKEGG_ACUTE_MYELOID_	57	0.5844306	1.8353963	0.004	0.0143084	0.258
KEGG_ENDOKEGG_ENDOCYTOSIS	176	0.4970297	1.8333083	0	0.0142078	0.261
KEGG_VIRAIKEGG_VIRAL_MYOCARDI	68	0.5829569	1.8299841	0.0219124	0.0143141	0.266
KEGG_ERBBKEGG_ERBB_SIGNALING	86	0.5428832	1.8249168	0.0041068	0.0147894	0.272
KEGG_APOPKEGG_APOPTOSIS	86	0.5223641	1.7724222	0.0232108	0.022413	0.344
KEGG_ALDOKEGG_ALDOSTERONE_RE	42	0.5162706	1.7364743	0.0118812	0.0296708	0.395
KEGG_FC_GKEGG_FC_GAMMA_R_MED	93	0.5245306	1.733982	0.0142566	0.0296304	0.395
KEGG_PHOSIKEGG_PHOSPHATIDYLIN	76	0.5259326	1.7297846	0.0237624	0.0298874	0.402
KEGG_BLADIKEGG_BLADDER_CANCER	40	0.5387683	1.7243181	0.0097656	0.0306054	0.415
KEGG_TYPEKEGG_TYPE_II_DIABET	46	0.5178133	1.6815764	0.0221774	0.0400472	0.472
KEGG_NOTCIKEGG_NOTCH_SIGNALIN	47	0.5407462	1.6798022	0.022541	0.0398559	0.474
KEGG_INSUIKEGG_INSULIN_SIGNAL	137	0.4577613	1.677556	0.020202	0.0399354	0.482
KEGG_TIGHKEGG_TIGHT_JUNCTION	128	0.4365727	1.6773155	0.007984	0.0394169	0.483
KEGG_VEGFKEGG_VEGF_SIGNALING	75	0.4790858	1.6763093	0.0158416	0.0390907	0.484
KEGG_RENIKEGG_RENIN_ANGIOTEN	17	0.6037012	1.6708702	0.019084	0.0401885	0.493
KEGG_PROGIKEGG_PROGESTERONE_M	85	0.4827653	1.6696353	0.0220884	0.0399486	0.495
KEGG_GNRHKEGG_GNRH_SIGNALING	101	0.4491693	1.6642652	0.0140281	0.0405705	0.501
KEGG_LONGKEGG_LONG_TERM_POTE	69	0.4502982	1.6129675	0.0372549	0.0547724	0.574
KEGG_EPITIKEGG_EPITHELIAL_CEL	67	0.4566164	1.612373	0.0315582	0.0541504	0.574
KEGG_PRIOKEGG_PRION_DISEASES	35	0.5373277	1.6041636	0.0314342	0.0562426	0.586
KEGG_ENDOKEGG_ENDOMETRIAL_CA	52	0.5222749	1.6035552	0.0408602	0.0555634	0.586
KEGG_B_CEIKEGG_B_CELL_RECEPTO	74	0.5327803	1.5999873	0.0657371	0.0562285	0.591
KEGG_OTHEIKEGG_OTHER_GLYCAN_D	16	0.6376672	1.5957426	0.0570825	0.0567849	0.598
KEGG_INOSKEGG_INOSITOL_PHOSP	54	0.508684	1.5954226	0.0503145	0.0561487	0.599
KEGG_FC_EIKEGG_FC_EPSILON_RI_	79	0.4389234	1.5518049	0.0475248	0.0705429	0.669
KEGG_INTEKEGG_INTESTINAL_IMM	46	0.5691531	1.4997884	0.1411765	0.092031	0.743
KEGG_VASOKEGG_VASOPRESSIN_RE	44	0.4354829	1.4715904	0.0510204	0.104516	0.77
KEGG_RIGKEGG_RIG_I_LIKE_REC	69	0.4079681	1.461704	0.0699589	0.1086424	0.785
KEGG_NONKEGG_NON_SMALL_CELL	54	0.442229	1.4081341	0.1078838	0.135588	0.84
KEGG_ASTHIKEGG_ASTHMA	28	0.5429037	1.3804035	0.1926229	0.1520242	0.873
KEGG_GRAFKEGG_GRAFT_VERSUS_H	37	0.595994	1.3799728	0.212	0.1504891	0.874
KEGG_PATHKEGG_PATHOGENIC_ESC	56	0.3852621	1.3242348	0.1340996	0.1885971	0.923
KEGG_OOCYKEGG_OOCYTE_MEIOSIS	110	0.3570168	1.2931105	0.1992188	0.2098406	0.94
KEGG_SNARIKEGG_SNARE_INTERACT	38	0.4031101	1.2594641	0.1921488	0.2356426	0.958
KEGG_REGUIKEGG_REGULATION_OF_	34	0.390283	1.2459625	0.1995885	0.245062	0.963
KEGG_P53KEGG_P53_SIGNALING_	65	0.362116	1.2102549	0.2270916	0.2747865	0.974
KEGG_SPHIIKEGG_SPHINGOLIPID_M	36	0.3762355	1.204333	0.253876	0.2770976	0.975
KEGG_VIBRKEGG_VIBRIO_CHOLERA	53	0.3428931	1.1951721	0.2287449	0.282511	0.975
KEGG_PRIMKEGG_PRIMARY_BILE_A	16	0.4323643	1.1861137	0.2309237	0.2886117	0.978
KEGG_NICOKEGG_NICOTINATE_AND	22	0.3860522	1.1856996	0.2252066	0.2858422	0.978
KEGG_PPARKEGG_PPAR_SIGNALING	69	0.3515833	1.1762629	0.244898	0.2923736	0.982
KEGG_ALLOKEGG_ALLOGRAFT_REJE	35	0.500725	1.1714172	0.3239437	0.2940179	0.982
KEGG_TYPEKEGG_TYPE_I_DIABETE	41	0.4499471	1.1703391	0.3307543	0.2921423	0.982
KEGG_PURIKEGG_PURINE_METABOL	152	0.2983547	1.1453503	0.2842943	0.3149909	0.989
KEGG_UBIQKEGG_UBIQUITIN_MEDI	130	0.3402306	1.1387328	0.31643	0.3184483	0.992
KEGG_THYRKEGG_THYROID_CANCER	29	0.3752224	1.1337554	0.3031496	0.320078	0.992
KEGG_AMYOKEGG_AMYOTROPHIC_LA	52	0.3041801	1.0749251	0.3513514	0.3817663	0.998
KEGG_TYROKEGG_TYROSINE_METAB	40	0.3071046	1.0714182	0.3632734	0.381781	0.998
KEGG_ARACIKEGG_ARACHIDONIC_AC	58	0.30103	1.0561208	0.3616162	0.3960246	0.999
KEGG_ANTIKEGG_ANTIGEN_PROCES	80	0.331894	1.002565	0.4407115	0.4561516	1

KEGG_LYSI	KEGG_LYSINE_DEGRADA	39	0.3300289	0.9602164	0.497992	0.5059297	1
KEGG_AMIN	KEGG_AMINO_SUGAR_AN	44	0.3206492	0.9536998	0.4931238	0.5094618	1
KEGG_TRYP	KEGG_TRYPTOPHAN_MET	39	0.2787183	0.9512767	0.541744	0.5080811	1
KEGG_ETHER	KEGG_ETHER_LIPID_ME	30	0.2924505	0.949746	0.5463511	0.5052497	1
KEGG_SYSTI	KEGG_SYSTEMIC_LUPUS	136	0.2923307	0.9496284	0.5019231	0.5005729	1
KEGG_GALA	KEGG_GALACTOSE_META	26	0.3073849	0.9362506	0.5374016	0.5128763	1
KEGG_STER	KEGG_STEROID_HORMON	55	0.2646864	0.8820784	0.6294821	0.5810363	1
KEGG_CYTO	KEGG_CYTOSOLIC_DNA	55	0.2558303	0.8738797	0.6313726	0.5865501	1
KEGG_SELE	KEGG_SELENOAMINO_AC	25	0.300598	0.8562903	0.613497	0.6056925	1
KEGG_AUTO	KEGG_AUTOIMMUNE_THY	50	0.3019708	0.8547735	0.5971944	0.6024281	1
KEGG_PANT	KEGG_PANTOTHENATE_A	16	0.3034285	0.8233019	0.7137097	0.6396189	1
KEGG_TAST	KEGG_TASTE_TRANSDUC	50	0.2441287	0.7914255	0.7514793	0.6800845	1
KEGG_O_GL	KEGG_O_GLYCAN_BIOSY	26	0.2696083	0.7874782	0.7207031	0.6798658	1
KEGG_PRIM	KEGG_PRIMARY_IMMUNO	35	0.318852	0.7718986	0.6647287	0.6962426	1
KEGG_STAR	KEGG_STARCH_AND_SUC	52	0.2199791	0.7409043	0.8268839	0.7338253	1

RANK AT M/LEADING EDGE

6654 tags=58%, list=12%, signal=66%
 4486 tags=58%, list=8%, signal=63%
 6092 tags=52%, list=11%, signal=58%
 4160 tags=43%, list=8%, signal=46%
 7173 tags=45%, list=13%, signal=52%
 5340 tags=40%, list=10%, signal=44%
 6790 tags=51%, list=12%, signal=58%
 6790 tags=49%, list=12%, signal=56%
 5849 tags=45%, list=11%, signal=51%
 4706 tags=37%, list=9%, signal=40%
 7159 tags=54%, list=13%, signal=61%
 5339 tags=47%, list=10%, signal=52%
 5340 tags=42%, list=10%, signal=47%
 5340 tags=53%, list=10%, signal=59%
 4998 tags=38%, list=9%, signal=41%
 8823 tags=46%, list=16%, signal=55%
 6670 tags=44%, list=12%, signal=49%
 8377 tags=55%, list=15%, signal=65%
 7342 tags=56%, list=13%, signal=65%
 6356 tags=36%, list=12%, signal=40%
 3336 tags=48%, list=6%, signal=51%
 8049 tags=51%, list=15%, signal=60%
 7304 tags=43%, list=13%, signal=49%
 6670 tags=40%, list=12%, signal=46%
 6136 tags=46%, list=11%, signal=52%
 8070 tags=37%, list=15%, signal=43%
 6453 tags=44%, list=12%, signal=50%
 6831 tags=43%, list=12%, signal=49%
 7871 tags=55%, list=14%, signal=64%
 4916 tags=55%, list=9%, signal=60%
 5766 tags=40%, list=10%, signal=44%
 4830 tags=46%, list=9%, signal=51%
 6045 tags=43%, list=11%, signal=48%
 7393 tags=51%, list=13%, signal=59%
 6453 tags=46%, list=12%, signal=52%
 8533 tags=57%, list=15%, signal=68%
 5827 tags=60%, list=11%, signal=67%
 5050 tags=36%, list=9%, signal=40%
 2556 tags=33%, list=5%, signal=35%
 7095 tags=41%, list=13%, signal=47%
 7188 tags=42%, list=13%, signal=48%
 3701 tags=40%, list=7%, signal=43%
 5050 tags=42%, list=9%, signal=47%
 7342 tags=54%, list=13%, signal=63%
 4998 tags=29%, list=9%, signal=32%
 6940 tags=45%, list=13%, signal=52%
 6887 tags=51%, list=12%, signal=58%
 7080 tags=47%, list=13%, signal=54%
 7469 tags=36%, list=14%, signal=42%

9160 tags=50%, list=17%, signal=60%
6607 tags=51%, list=12%, signal=58%
5998 tags=36%, list=11%, signal=41%
9638 tags=51%, list=17%, signal=62%
7038 tags=45%, list=13%, signal=52%
7823 tags=45%, list=14%, signal=53%
9160 tags=55%, list=17%, signal=66%
6453 tags=41%, list=12%, signal=46%
7212 tags=42%, list=13%, signal=48%
5050 tags=33%, list=9%, signal=36%
7640 tags=43%, list=14%, signal=50%
7275 tags=47%, list=13%, signal=54%
7188 tags=40%, list=13%, signal=46%
8004 tags=34%, list=14%, signal=40%
6733 tags=39%, list=12%, signal=44%
5582 tags=47%, list=10%, signal=52%
4998 tags=35%, list=9%, signal=39%
6733 tags=31%, list=12%, signal=35%
6356 tags=33%, list=12%, signal=38%
6165 tags=33%, list=11%, signal=37%
8255 tags=51%, list=15%, signal=60%
8533 tags=50%, list=15%, signal=59%
6732 tags=41%, list=12%, signal=46%
3697 tags=31%, list=7%, signal=33%
7196 tags=41%, list=13%, signal=47%
6887 tags=33%, list=12%, signal=38%
9851 tags=50%, list=18%, signal=61%
9353 tags=48%, list=17%, signal=57%
6865 tags=36%, list=12%, signal=41%
10266 tags=52%, list=19%, signal=64%
9638 tags=54%, list=17%, signal=65%
12726 tags=73%, list=23%, signal=95%
2758 tags=18%, list=5%, signal=19%
4842 tags=25%, list=9%, signal=28%
7631 tags=37%, list=14%, signal=43%
6115 tags=32%, list=11%, signal=36%
5085 tags=22%, list=9%, signal=24%
2514 tags=19%, list=5%, signal=20%
9727 tags=43%, list=18%, signal=53%
3678 tags=19%, list=7%, signal=20%
7224 tags=41%, list=13%, signal=47%
4767 tags=23%, list=9%, signal=25%
10547 tags=51%, list=19%, signal=64%
10547 tags=49%, list=19%, signal=60%
3704 tags=17%, list=7%, signal=18%
6888 tags=29%, list=12%, signal=33%
6672 tags=31%, list=12%, signal=35%
3980 tags=21%, list=7%, signal=23%
5454 tags=23%, list=10%, signal=25%
5270 tags=17%, list=10%, signal=19%
8460 tags=30%, list=15%, signal=35%

4671 tags=21%, list=8%, signal=22%
6345 tags=27%, list=11%, signal=31%
5454 tags=18%, list=10%, signal=20%
9713 tags=37%, list=18%, signal=44%
2434 tags=14%, list=4%, signal=15%
3520 tags=15%, list=6%, signal=16%
1761 tags=7%, list=3%, signal=8%
3569 tags=16%, list=6%, signal=17%
5209 tags=16%, list=9%, signal=18%
10547 tags=38%, list=19%, signal=47%
4193 tags=25%, list=8%, signal=27%
3472 tags=10%, list=6%, signal=11%
5827 tags=23%, list=11%, signal=26%
7080 tags=26%, list=13%, signal=29%
7174 tags=19%, list=13%, signal=22%