

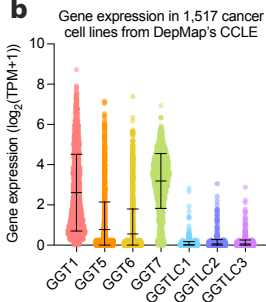
Extended Data 5

a

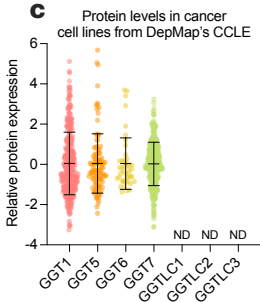
Gene	Location	NCBI code	Gene type	Homology to GGT1 (amino acid level)	Enzymatic activity	Ref
GGT1	22q11.23	2678	Protein coding (full length)	-	Active (experimentally confirmed)	1,2
GGT5	22q11.23	2687	Protein coding (full length)	High	Active (experimentally confirmed)	1,2
GGT6	17p13.2	124975	Protein coding (full length)	Limited	Not characterized, enzymatic activity possible	2
GGT7	20q11.22	2686	Protein coding (full length)	High	Not characterized, enzymatic activity possible	2
GGTLC1	20p11.21	92086	Protein coding (light chain only)		Not characterized, enzymatic activity possible	2
GGTLC2	22q11.22	91227	Protein coding (light chain only)		Not characterized, enzymatic activity possible	2
GGTLC3	22q11.21	728226	Protein coding (light chain only)		Not characterized, enzymatic activity possible	2
GGT2P	22q11.21	728441	Pseudogene		Inactive (experimentally confirmed)	2,3
GGT3P	22q11.21	2679	Pseudogene		Inactive (predicted)	2
GGT4P	13q11	643171	Pseudogene		Inactive (predicted)	2
GGT8P	2p11.2	645367	Pseudogene		Inactive (predicted)	2
GGTLC4P	22q11.23	729838	Pseudogene		Inactive (predicted)	2
GGTLC5P	22q11.21	653590	Pseudogene		Inactive (predicted)	2

References (doi): 1 (10.1016/j.ab.2011.03.026), 2 (10.1007/s00439-008-0487-7), 3(10.1089/ars.2012.4997)

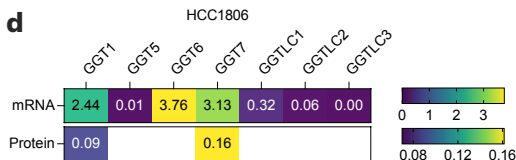
b



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