

Table 1aCharacteristics of human DHHC family palmitoyltransferases with assigned functions (<http://www.ncbi.nlm.nih.gov/AceView>).

	Accession number	Alternative names	Chromosomal location of gene	Number of spliced variants	Number of SNPs	Size of gene [kb]	Number of exons	Intracellular localization of protein	Tissue-specific distribution
ZDHHC 2	NM_016353.4	ZNF372, DHHC2	8p21.3-p22	5	798	69.89	15	ER/Golgi	Brain, kidney, pancreas, testis, lung, eye
ZDHHC 3	NM_016598.2	GODZ, ZNF373	3p21.31	10	459	60.93	9	Golgi	Liver, spleen, lung, brain, prostate, colon, placenta, eye
ZDHHC 7	NM_017740.2	SERZ1; SERZ-B, ZNF370, FLJ10792, FLJ20279	16q24.1	7	552	37.55	9	Golgi	Lung, colon, brain, liver, prostate, skin, kidney
ZDHHC 8	NM_013373.2	ZNF378, ZDHHCL1	22q11.21	7	147	18.56	11	Golgi	Brain, lung, ovary, eye, pancreas, kidney
ZDHHC 9	NM_001008222.1	CGI-89, ZNF379, ZNF380, CXorf11 or ZDHHHC10, LOC51114	Xq26.1	12	189	40.86	13	ER/Golgi	Brain, prostate, lung, kidney, thalamus
ZDHHC 12	NM_032799.4	ZNF400, FLJ14524, MGC13153, MGC54050	9q34.11	7	55	3.26	4	ER/Golgi	Stomach, ascites, skin, lung, prostate, brain
ZDHHC 13	NM_001001483.1	HIP14L, HIP3RP, FLJ10852, FLJ10941, MGC64994	11p15.1	10	640	59.50	15	ER	Uterus, brain, stomach, placenta, testis, colon
ZDHHC 17	NM_015336.2	HIP3, HYPH, HIP14, HSPC294, KIAA0946	12q21.2	15	875	90.36	18	Golgi	Brain, uterus, eye, lung, thalamus
ZDHHC 21	NM_178566.4	DNZ1, HSPC097, 9130404H11Rik	9p22.3	10	2599	147.33	10	Plasma membrane	Brain, testis, uterus, eye, liver