

Supplementary Figure 1

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	UniProt_AC	Gene_Name	Accession	Genome_Position	Position_N_Ref_N	Var_N	Position_A	Ref_A	Var_A	Polyphen_Pred	Cancer_Type	Source
Signal peptide	P78536	ADAM17	NM_003183	chr2:9695722-9695722	13 C	T	5	L	F	benign	DOID:4362 / Cervical cancer [Cerca]	TCGA
	P78536	ADAM17	NM_003183	chr2:9695720-9695720	15 C	T	5	L	L	-	DOID:11054 / Urinary bladder cancer [UBC]	ICGC
	P78536	ADAM17	NM_003183	chr2:9695720-9695720	15 C	T	5	L	L	-	DOID:11054 / Urinary bladder cancer [UBC]	TCGA
	P78536	ADAM17	NM_003183	chr2:9695720-9695720	15 C	T	5	L	L	-	DOID:11054 / Urinary bladder cancer [UBC]	COSMIC
	P78536	ADAM17	NM_003183	chr2:9695705-9695705	30 C	A	10	S	R	possibly damaging	DOID:1993 / Rectum cancer [Recca]	COSMIC
Prodomain	P78536	ADAM17	NM_003183	chr2:9695662-9695662	73 G	A	25	G	S	benign	DOID:1793 / Pancreatic cancer [PACA]	TCGA
	P78536	ADAM17	NM_003183	chr2:9683394-9683394	118 T	C	40	S	P	probably damaging	DOID:3571 / Liver cancer [Livca]	TCGA
	P78536	ADAM17	NM_003183	chr2:9683393-9683393	119 C	G	40	S	X	-	DOID:263 / Kidney cancer [Kidca]	COSMIC
	P78536	ADAM17	NM_003183	chr2:9683351-9683351	161 C	T	54	S	L	probably damaging	DOID:1324 / Lung cancer [Lunca]	IntOGen
	P78536	ADAM17	NM_003183	chr2:9683313-9683313	199 G	A	67	E	K	probably damaging	DOID:1324 / Lung cancer [Lunca]	IntOGen
	P78536	ADAM17	NM_003183	chr2:9683306-9683306	206 T	C	69	L	P	probably damaging	DOID:10534 / Stomach cancer [Stoca]	ICGC
	P78536	ADAM17	NM_003183	chr2:9683306-9683306	206 T	C	69	L	P	probably damaging	DOID:10534 / Stomach cancer [Stoca]	TCGA
	P78536	ADAM17	NM_003183	chr2:9676938-9676938	250 A	C	84	T	P	probably damaging	DOID:363 / Uterine cancer [Uteca]	COSMIC
	P78536	ADAM17	NM_003183	chr2:9676938-9676938	250 A	C	84	T	P	probably damaging	DOID:363 / Uterine cancer [Uteca]	TCGA
	P78536	ADAM17	NM_003183	chr2:9676906-9676906	282 C	G	94	F	L	benign	DOID:4362 / Cervical cancer [Cerca]	TCGA
	P78536	ADAM17	NM_003183	chr2:9676905-9676905	283 A	C	95	K	Q	benign	DOID:1324 / Lung cancer [Lunca]	IntOGen
	P78536	ADAM17	NM_003183	chr2:9676896-9676896	292 G	C	98	V	L	possibly damaging	DOID:10534 / Stomach cancer [Stoca]	ICGC
	P78536	ADAM17	NM_003183	chr2:9676896-9676896	292 G	C	98	V	L	possibly damaging	DOID:10534 / Stomach cancer [Stoca]	TCGA
	P78536	ADAM17	NM_003183	chr2:9676879-9676879	309 C	T	103	N	N	-	DOID:363 / Uterine cancer [Uteca]	IntOGen
	P78536	ADAM17	NM_003183	chr2:9676879-9676879	309 C	T	103	N	N	-	DOID:363 / Uterine cancer [Uteca]	COSMIC
	P78536	ADAM17	NM_003183	chr2:9676879-9676879	309 C	T	103	N	N	-	DOID:363 / Uterine cancer [Uteca]	TCGA
	P78536	ADAM17	NM_003183	chr2:9676860-9676860	328 A	C	110	K	Q	benign	DOID:363 / Uterine cancer [Uteca]	TCGA
	P78536	ADAM17	NM_003183	chr2:9676856-9676856	332 G	A	111	W	X	-	DOID:1521 / Cecum cancer [Cecca]	COSMIC
	P78536	ADAM17	NM_003183	chr2:9676856-9676856	332 G	A	111	W	X	-	DOID:219 / Colon cancer [Colca]	IntOGen 1) W111X
	P78536	ADAM17	NM_003183	chr2:9676834-9676834	354 C	T	118	H	H	-	DOID:10534 / Stomach cancer [Stoca]	ICGC
	P78536	ADAM17	NM_003183	chr2:9676834-9676834	354 C	T	118	H	H	-	DOID:10534 / Stomach cancer [Stoca]	TCGA
	P78536	ADAM17	NM_003183	chr2:9676833-9676833	355 G	A	119	V	M	probably damaging	DOID:0060119 / Pharynx cancer [Phaca]	IntOGen
	P78536	ADAM17	NM_003183	chr2:9676833-9676833	355 G	A	119	V	M	probably damaging	DOID:11934 / Head and neck cancer [H&NC]	TCGA
	P78536	ADAM17	NM_003183	chr2:9676045-9676045	368 C	A	123	P	H	benign	DOID:3571 / Liver cancer [Livca]	TCGA
	P78536	ADAM17	NM_003183	chr2:9676042-9676042	371 A	T	124	D	V	probably damaging	DOID:1324 / Lung cancer [Lunca]	COSMIC
	P78536	ADAM17	NM_003183	chr2:9676016-9676016	397 G	A	133	D	N	probably damaging	DOID:1793 / Pancreatic cancer [PACA]	TCGA
	P78536	ADAM17	NM_003183	chr2:9668050-9668050	484 A	C	162	K	Q	probably damaging	DOID:3571 / Liver cancer [Livca]	TCGA
	P78536	ADAM17	NM_003183	chr2:9668046-9668046	488 G	T	163	R	I	probably damaging	DOID:363 / Uterine cancer [Uteca]	COSMIC
	P78536	ADAM17	NM_003183	chr2:9668046-9668046	488 G	T	163	R	I	probably damaging	DOID:363 / Uterine cancer [Uteca]	TCGA
	P78536	ADAM17	NM_003183	chr2:9668023-9668023	511 G	T	171	D	Y	probably damaging	DOID:363 / Uterine cancer [Uteca]	COSMIC
	P78536	ADAM17	NM_003183	chr2:9668023-9668023	511 G	T	171	D	Y	probably damaging	DOID:363 / Uterine cancer [Uteca]	TCGA
	P78536	ADAM17	NM_003183	chr2:9668007-9668007	527 C	T	176	S	L	probably damaging	DOID:11934 / Head and neck cancer [H&NC]	TCGA
	P78536	ADAM17	NM_003183	chr2:9668007-9668007	527 C	T	176	S	L	probably damaging	DOID:4362 / Cervical cancer [Cerca]	TCGA
	P78536	ADAM17	NM_003183	chr2:9668005-9668005	529 C	T	177	R	C	probably damaging	DOID:1521 / Cecum cancer [Cecca]	COSMIC
	P78536	ADAM17	NM_003183	chr2:9668005-9668005	529 C	T	177	R	C	probably damaging	DOID:219 / Colon cancer [Colca]	ICGC 2) R117C
	P78536	ADAM17	NM_003183	chr2:9668005-9668005	529 C	T	177	R	C	probably damaging	DOID:219 / Colon cancer [Colca]	TCGA
	P78536	ADAM17	NM_003183	chr2:9667999-9667999	535 C	T	179	Q	X	-	DOID:4362 / Cervical cancer [Cerca]	TCGA
	P78536	ADAM17	NM_003183	chr2:9667992-9667992	542 C	T	181	P	L	probably damaging	DOID:4362 / Cervical cancer [Cerca]	TCGA
	P78536	ADAM17	NM_003183	chr2:9667941-9667941	593 G	A	198	G	E	probably damaging	DOID:3571 / Liver cancer [Livca]	TCGA
	P78536	ADAM17	NM_003183	chr2:9667935-9667935	599 T	C	200	V	A	benign	DOID:363 / Uterine cancer [Uteca]	COSMIC
	P78536	ADAM17	NM_003183	chr2:9667935-9667935	599 T	C	200	V	A	benign	DOID:363 / Uterine cancer [Uteca]	TCGA
	P78536	ADAM17	NM_003183	chr2:9666362-9666362	631 C	T	211	R	X	-	DOID:1993 / Rectum cancer [Recca]	COSMIC
Catalytic domain	P78536	ADAM17	NM_003183	chr2:9666322-9666322	671 C	T	224	T	M	probably damaging	DOID:10534 / Stomach cancer [Stoca]	ICGC
	P78536	ADAM17	NM_003183	chr2:9666322-9666322	671 C	T	224	T	M	probably damaging	DOID:10534 / Stomach cancer [Stoca]	TCGA
	P78536	ADAM17	NM_003183	chr2:9666321-9666321	672 G	T	224	T	T	-	DOID:1324 / Lung cancer [Lunca]	COSMIC
	P78536	ADAM17	NM_003183	chr2:9666321-9666321	672 G	T	224	T	T	-	DOID:1324 / Lung cancer [Lunca]	IntOGen
	P78536	ADAM17	NM_003183	chr2:9666299-9666299	694 G	C	232	D	H	probably damaging	DOID:11934 / Head and neck cancer [H&NC]	TCGA
	P78536	ADAM17	NM_003183	chr2:9666292-9666292	701 G	A	234	R	H	probably damaging	DOID:1521 / Cecum cancer [Cecca]	COSMIC
	P78536	ADAM17	NM_003183	chr2:9666288-9666288	705 C	G	235	F	L	probably damaging	DOID:1324 / Lung cancer [Lunca]	COSMIC
	P78536	ADAM17	NM_003183	chr2:9666273-9666273	720 C	T	240	G	G	-	DOID:0060119 / Pharynx cancer [Phaca]	IntOGen
	P78536	ADAM17	NM_003183	chr2:9666273-9666273	720 C	T	240	G	G	-	DOID:11934 / Head and neck cancer [H&NC]	TCGA
	P78536	ADAM17	NM_003183	chr2:9666271-9666271	722 G	A	241	R	K	benign	DOID:1324 / Lung cancer [Lunca]	COSMIC
	P78536	ADAM17	NM_003183	chr2:9666271-9666271	722 G	A	241	R	K	benign	DOID:1324 / Lung cancer [Lunca]	IntOGen
	P78536	ADAM17	NM_003183	chr2:9663433-9663433	788 G	A	263	R	Q	possibly damaging	DOID:363 / Uterine cancer [Uteca]	TCGA
	P78536	ADAM17	NM_003183	chr2:9661441-9661441	848 G	A	283	R	H	probably damaging	DOID:5041 / Esophageal cancer [EC]	COSMIC
	P78536	ADAM17	NM_003183	chr2:9661438-9661438	851 T	G	284	I	S	probably damaging	DOID:2394 / Ovarian cancer [OVCA]	COSMIC
	P78536	ADAM17	NM_003183	chr2:9661434-9661434	855 C	G	285	L	L	-	DOID:10283 / Prostate cancer [Pca]	TCGA
	P78536	ADAM17	NM_003183	chr2:9661434-9661434	855 C	T	285	L	L	-	DOID:11934 / Head and neck cancer [H&NC]	COSMIC
	P78536	ADAM17	NM_003183	chr2:9661401-9661401	888 G	A	296	K	K	-	DOID:1324 / Lung cancer [Lunca]	COSMIC
	P78536	ADAM17	NM_003183	chr2:9661333-9661333	956 A	G	319	E	G	probably damaging	DOID:219 / Colon cancer [Colca]	COSMIC 3) E319G
	P78536	ADAM17	NM_003183	chr2:9661333-9661333	956 A	G	319	E	G	probably damaging	DOID:219 / Colon cancer [Colca]	ICGC
	P78536	ADAM17	NM_003183	chr2:9661333-9661333	956 A	G	319	E	G	probably damaging	DOID:219 / Colon cancer [Colca]	TCGA
	P78536	ADAM17	NM_003183	chr2:9658364-9658364	970 G	A	324	D	N	possibly damaging	DOID:1319 / Brain cancer [Braca]	COSMIC
	P78536	ADAM17	NM_003183	chr2:9658327-9658327	1007 A	T	336	H	L	probably damaging	DOID:1324 / Lung cancer [Lunca]	COSMIC
	P78536	ADAM17	NM_003183	chr2:9658327-9658327	1007 A	T	336	H	L	probably damaging	DOID:1324 / Lung cancer [Lunca]	COSMIC
	P78536	ADAM17	NM_003183	chr2:9658312-9658312	1022 A	C	341	Q	P	probably damaging	DOID:1612 / Breast cancer [BRCA]	IntOGen
	P78536	ADAM17	NM_003183	chr2:9658312-9658312	1022 A	C	341	Q	P	probably damaging	DOID:1612 / Breast cancer [BRCA]	ICGC
	P78536	ADAM17	NM_003183	chr2:9658312-9658312	1022 A	C	341	Q	P	probably damaging	DOID:1612 / Breast cancer [BRCA]	COSMIC
	P78536	ADAM17	NM_003183	chr2:9658310-9658310	1024 G	T	342	D	Y	probably damaging	DOID:363 / Uterine cancer [Uteca]	COSMIC
	P78536	ADAM17	NM_003183	chr2:9658310-9658310	1024 G	T	342	D	Y	probably damaging	DOID:363 / Uterine cancer [Uteca]	TCGA
	P78536	ADAM17	NM_003183	chr2:9658248-9658248	1086 A	G	362	G	G	-	DOID:219 / Colon cancer [Colca]	COSMIC
	P78536	ADAM17	NM_003183	chr2:9658248-9658248	1086 A	G	362	G	G	-	DOID:219 / Colon cancer [Colca]	ICGC
	P78536	ADAM17	NM_003183	chr2:9658248-9658248	1086 A	G	362	G	G	-	DOID:219 / Colon cancer [Colca]	TCGA
	P78536	ADAM17	NM_003183	chr2:9658104-9658104	1117 G	A	373	V	I	benign	DOID:1793 / Pancreatic cancer [PACA]	TCGA
	P78536	ADAM17	NM_003183	chr2:9658087-9658087	1134 C	A	378	I	I	-	DOID:363 / Uterine cancer [Uteca]	COSMIC
	P78536	ADAM17	NM_003183	chr2:9658087-9658087	1134 C	A	378	I	I	-	DOID:363 / Uterine cancer [Uteca]	TCGA
	P78536	ADAM17	NM_003183	chr2:9658057-9658057	1164 G	T	388	K	N	probably damaging	DOID:363 / Uterine cancer [Uteca]	TCGA
	P78536	ADAM17	NM_003183	chr2:9658057-9658057	1164 G	T	388	K	N	probably damaging	DOID:363 / Uterine cancer [Uteca]	COSMIC
	P78536	ADAM17	NM_003183	chr2:9650236-9650236	1216 G	T	406	E	X	-	DOID:219 / Colon cancer [Colca]	COSMIC 4) E406X
	P78536	ADAM17	NM_003183	chr2:9650202-9650202	1250 C	T	417	P	L	probably damaging	DOID:5041 / Esophageal cancer [EC]	ICGC
	P78536	ADAM17	NM_003183	chr2:9650202-9650202	1250 C	A	417	P	Q	probably damaging	DOID:1793 / Pancreatic cancer [PACA]	TCGA
	P78536	ADAM17	NM_003183	chr2:9650168-9650168	1284 C	T	428	D	D	-	DOID:363 / Uterine cancer [Uteca]	TCGA
	P78536	ADAM17	NM_003183	chr2:9650168-9650168	1284 C	T	428	D	D	-	DOID:363 / Uterine cancer [Uteca]	COSMIC
	P78536	ADAM17	NM_003183	chr2:9650164-9650164	1288 G	A	430	G	R	probably damaging	DOID:5041 / Esophageal cancer [EC]	ICGC
	P78536	ADAM17	NM_003183	chr2:9650147-9650147	1305 G	A	435	M	I	benign	DOID:219 / Colon cancer [Colca]	COSMIC 5) M435I
	P78536	ADAM17										

P78536	ADAM17	NM_003183	chr2:9637359-9637359	1667	C	T	556	P	L	probably damaging	DOID:2394 / Ovarian cancer [OVCA]	COSMIC
P78536	ADAM17	NM_003183	chr2:9637328-9637328	1698	T	A	566	V	V	-	DOID:11934 / Head and neck cancer [H&NC]	TCGA
P78536	ADAM17	NM_003183	chr2:9637283-9637283	1743	C	T	581	F	F	-	DOID:11054 / Urinary bladder cancer [UBC]	COSMIC
P78536	ADAM17	NM_003183	chr2:9637283-9637283	1743	C	T	581	F	F	-	DOID:11054 / Urinary bladder cancer [UBC]	ICGC
P78536	ADAM17	NM_003183	chr2:9637283-9637283	1743	C	T	581	F	F	-	DOID:4362 / Cervical cancer [Cerca]	TCGA
P78536	ADAM17	NM_003183	chr2:9637283-9637283	1743	C	T	581	F	F	-	DOID:11054 / Urinary bladder cancer [UBC]	TCGA
P78536	ADAM17	NM_003183	chr2:9637279-9637279	1747	G	A	583	E	K	benign	DOID:363 / Uterine cancer [Uteca]	TCGA
P78536	ADAM17	NM_003183	chr2:9637279-9637279	1747	G	A	583	E	K	benign	DOID:363 / Uterine cancer [Uteca]	COSMIC
P78536	ADAM17	NM_003183	chr2:9634874-9634874	1806	G	C	602	V	V	-	DOID:10534 / Stomach cancer [Stoca]	ICGC
P78536	ADAM17	NM_003183	chr2:9634874-9634874	1806	G	C	602	V	V	-	DOID:10534 / Stomach cancer [Stoca]	TCGA
P78536	ADAM17	NM_003183	chr2:9634856-9634856	1824	T	C	608	S	S	-	DOID:4362 / Cervical cancer [Cerca]	TCGA
P78536	ADAM17	NM_003183	chr2:9634834-9634834	1846	G	A	616	D	N	benign	DOID:219 / Colon cancer [Colca]	COSMIC 7) D616N
P78536	ADAM17	NM_003183	chr2:9634802-9634802	1878	A	G	626	K	K	-	DOID:3571 / Liver cancer [Livca]	COSMIC
P78536	ADAM17	NM_003183	chr2:9634802-9634802	1878	A	G	626	K	K	-	DOID:3571 / Liver cancer [Livca]	ICGC
P78536	ADAM17	NM_003183	chr2:9634789-9634789	1891	A	G	631	T	A	benign	DOID:219 / Colon cancer [Colca]	COSMIC 8) T631A
P78536	ADAM17	NM_003183	chr2:9634779-9634779	1901	T	G	634	F	C	probably damaging	DOID:3571 / Liver cancer [Livca]	COSMIC
P78536	ADAM17	NM_003183	chr2:9634779-9634779	1901	T	G	634	F	C	probably damaging	DOID:3571 / Liver cancer [Livca]	ICGC
P78536	ADAM17	NM_003183	chr2:9634772-9634772	1908	C	T	636	D	D	-	DOID:1612 / Breast cancer [BRCA]	COSMIC
P78536	ADAM17	NM_003183	chr2:9634772-9634772	1908	C	T	636	D	D	-	DOID:1612 / Breast cancer [BRCA]	ICGC
P78536	ADAM17	NM_003183	chr2:9634772-9634772	1908	C	T	636	D	D	-	DOID:1612 / Breast cancer [BRCA]	TCGA
P78536	ADAM17	NM_003183	chr2:9633946-9633946	1923	T	C	641	C	C	-	DOID:1612 / Breast cancer [BRCA]	IntOGen
P78536	ADAM17	NM_003183	chr2:9633946-9633946	1923	T	C	641	C	C	-	DOID:1612 / Breast cancer [BRCA]	ICGC
P78536	ADAM17	NM_003183	chr2:9633946-9633946	1923	T	C	641	C	C	-	DOID:1612 / Breast cancer [BRCA]	TCGA
P78536	ADAM17	NM_003183	chr2:9633946-9633946	1923	T	C	641	C	C	-	DOID:1612 / Breast cancer [BRCA]	COSMIC
P78536	ADAM17	NM_003183	chr2:9633917-9633917	1952	G	A	651	R	Q	probably damaging	DOID:363 / Uterine cancer [Uteca]	COSMIC
P78536	ADAM17	NM_003183	chr2:9633917-9633917	1952	G	A	651	R	Q	probably damaging	DOID:1324 / Lung cancer [Lunca]	COSMIC
P78536	ADAM17	NM_003183	chr2:9633917-9633917	1952	G	A	651	R	Q	probably damaging	DOID:1324 / Lung cancer [Lunca]	IntOGen
P78536	ADAM17	NM_003183	chr2:9633917-9633917	1952	G	A	651	R	Q	probably damaging	DOID:363 / Uterine cancer [Uteca]	TCGA
P78536	ADAM17	NM_003183	chr2:9633904-9633904	1965	C	A	655	F	L	benign	DOID:11054 / Urinary bladder cancer [UBC]	COSMIC
P78536	ADAM17	NM_003183	chr2:9633904-9633904	1965	C	A	655	F	L	benign	DOID:11054 / Urinary bladder cancer [UBC]	ICGC
P78536	ADAM17	NM_003183	chr2:9633904-9633904	1965	C	A	655	F	L	benign	DOID:11054 / Urinary bladder cancer [UBC]	COSMIC
P78536	ADAM17	NM_003183	chr2:9633899-9633899	1970	A	C	657	D	A	possibly damaging	DOID:219 / Colon cancer [Colca]	COSMIC 9) D657A
P78536	ADAM17	NM_003183	chr2:9633899-9633899	1970	A	C	657	D	A	possibly damaging	DOID:219 / Colon cancer [Colca]	ICGC
P78536	ADAM17	NM_003183	chr2:9633899-9633899	1970	A	C	657	D	A	possibly damaging	DOID:219 / Colon cancer [Colca]	TCGA
P78536	ADAM17	NM_003183	chr2:9633093-9633093	2016	C	T	672	I	I	-	DOID:363 / Uterine cancer [Uteca]	COSMIC
P78536	ADAM17	NM_003183	chr2:9633093-9633093	2016	C	T	672	I	I	-	DOID:363 / Uterine cancer [Uteca]	IntOGen
P78536	ADAM17	NM_003183	chr2:9633093-9633093	2016	C	T	672	I	I	-	DOID:363 / Uterine cancer [Uteca]	TCGA
P78536	ADAM17	NM_003183	chr2:9633048-9633048	2061	C	T	687	F	F	-	DOID:1993 / Rectum cancer [Recca]	COSMIC
P78536	ADAM17	NM_003183	chr2:9633048-9633048	2061	C	T	687	F	F	-	DOID:1993 / Rectum cancer [Recca]	ICGC
P78536	ADAM17	NM_003183	chr2:9633048-9633048	2061	C	T	687	F	F	-	DOID:1993 / Rectum cancer [Recca]	TCGA
P78536	ADAM17	NM_003183	chr2:9630624-9630624	2157	G	A	719	M	I	benign	DOID:263 / Kidney cancer [Kidca]	ICGC
P78536	ADAM17	NM_003183	chr2:9630624-9630624	2157	G	A	719	M	I	benign	DOID:263 / Kidney cancer [Kidca]	TCGA
P78536	ADAM17	NM_003183	chr2:9630613-9630613	2168	C	T	723	S	L	probably damaging	DOID:363 / Uterine cancer [Uteca]	COSMIC
P78536	ADAM17	NM_003183	chr2:9630613-9630613	2168	C	T	723	S	L	probably damaging	DOID:363 / Uterine cancer [Uteca]	TCGA
P78536	ADAM17	NM_003183	chr2:9630612-9630612	2169	G	T	723	S	S	-	DOID:10283 / Prostate cancer [PCa]	COSMIC
P78536	ADAM17	NM_003183	chr2:9630607-9630607	2174	G	A	725	R	H	probably damaging	DOID:219 / Colon cancer [Colca]	COSMIC 10) R725H
P78536	ADAM17	NM_003183	chr2:9630541-9630541	2240	C	T	747	S	L	benign	DOID:219 / Colon cancer [Colca]	ICGC 11) P783Q
P78536	ADAM17	NM_003183	chr2:9630541-9630541	2240	C	T	747	S	L	benign	DOID:219 / Colon cancer [Colca]	COSMIC
P78536	ADAM17	NM_003183	chr2:9630541-9630541	2240	C	T	747	S	L	benign	DOID:219 / Colon cancer [Colca]	TCGA
P78536	ADAM17	NM_003183	chr2:9630538-9630538	2243	C	T	748	A	V	benign	DOID:2394 / Ovarian cancer [OVCA]	COSMIC
P78536	ADAM17	NM_003183	chr2:9630433-9630433	2348	C	A	783	P	Q	probably damaging	DOID:219 / Colon cancer [Colca]	COSMIC
P78536	ADAM17	NM_003183	chr2:9630394-9630394	2387	C	T	796	T	M	probably damaging	DOID:3571 / Liver cancer [Livca]	TCGA
P78536	ADAM17	NM_003183	chr2:9630385-9630385	2396	C	T	799	P	L	possibly damaging	DOID:4159 / Skin cancer [Skica]	COSMIC
P78536	ADAM17	NM_003183	chr2:9630376-9630376	2405	G	A	802	R	K	possibly damaging	DOID:4159 / Skin cancer [Skica]	ICGC
P78536	ADAM17	NM_003183	chr2:9630376-9630376	2405	G	A	802	R	K	possibly damaging	DOID:4159 / Skin cancer [Skica]	TCGA
P78536	ADAM17	NM_003183	chr2:9630364-9630364	2417	C	T	806	A	V	possibly damaging	DOID:10534 / Stomach cancer [Stoca]	ICGC
P78536	ADAM17	NM_003183	chr2:9630364-9630364	2417	C	T	806	A	V	possibly damaging	DOID:10534 / Stomach cancer [Stoca]	TCGA
P78536	ADAM17	NM_003183	chr2:9630357-9630357	2424	C	A	808	S	S	-	DOID:10534 / Stomach cancer [Stoca]	ICGC
P78536	ADAM17	NM_003183	chr2:9630357-9630357	2424	C	A	808	S	S	-	DOID:10534 / Stomach cancer [Stoca]	TCGA
P78536	ADAM17	NM_003183	chr2:9630344-9630344	2437	C	T	813	R	C	probably damaging	DOID:0060119 / Pharynx cancer [Phaca]	IntOGen
P78536	ADAM17	NM_003183	chr2:9630344-9630344	2437	C	T	813	R	C	probably damaging	DOID:11934 / Head and neck cancer [H&NC]	TCGA
P78536	ADAM17	NM_003183	chr2:9630330-9630330	2451	T	C	817	V	V	-	DOID:10534 / Stomach cancer [Stoca]	ICGC
P78536	ADAM17	NM_003183	chr2:9630330-9630330	2451	T	C	817	V	V	-	DOID:10534 / Stomach cancer [Stoca]	TCGA

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	UniProt_AC	Gene_Name	Accession	Genome_Position	Position_N	Ref_N	Var_N	Position_A	Ref_A	Var_A	Polyphen_Pred	Cancer_Type	Source	Mutation:
Prodomain	P78536	ADAM17	NM_003183	chr2:9676856-9676856	332	G	A	111	W	X	-	DOID:219 / Colon cancer [Colca]	IntOGen	1) W111X
	P78536	ADAM17	NM_003183	chr2:9668005-9668005	529	C	T	177	R	C	probably damaging	DOID:219 / Colon cancer [Colca]	ICGC	2) R117C
Catalytic domain	P78536	ADAM17	NM_003183	chr2:9661333-9661333	956	A	G	319	E	G	probably damaging	DOID:219 / Colon cancer [Colca]	COSMIC	3) E319G
	P78536	ADAM17	NM_003183	chr2:9650236-9650236	1216	G	T	406	E	X	-	DOID:219 / Colon cancer [Colca]	COSMIC	4) E406X
	P78536	ADAM17	NM_003183	chr2:9650147-9650147	1305	G	A	435	M	I	benign	DOID:219 / Colon cancer [Colca]	COSMIC	5) M435I
Disintegrin domain	P78536	ADAM17	NM_003183	chr2:9642335-9642335	1615	A	G	539	N	D	benign	DOID:219 / Colon cancer [Colca]	COSMIC	6) N539D
Membrane-proximal domain	P78536	ADAM17	NM_003183	chr2:9634834-9634834	1846	G	A	616	D	N	benign	DOID:219 / Colon cancer [Colca]	COSMIC	7) D616N
	P78536	ADAM17	NM_003183	chr2:9634789-9634789	1891	A	G	631	T	A	benign	DOID:219 / Colon cancer [Colca]	COSMIC	8) T631A
	P78536	ADAM17	NM_003183	chr2:9633899-9633899	1970	A	C	657	D	A	possibly damaging	DOID:219 / Colon cancer [Colca]	COSMIC	9) D657A
Cytoplasmic region	P78536	ADAM17	NM_003183	chr2:9630607-9630607	2174	G	A	725	R	H	probably damaging	DOID:219 / Colon cancer [Colca]	COSMIC	10) R725H
	P78536	ADAM17	NM_003183	chr2:9630541-9630541	2240	C	T	747	S	L	benign	DOID:219 / Colon cancer [Colca]	ICGC	11) P783Q

Included as control:

Catalytic domain	P78536	ADAM17	NM_003183	chr2:9650202-9650202	1250	C	T	417	P	L	probably damaging	DOID:5041 / Esophageal cancer [EC]	ICGC 12) P417Q
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