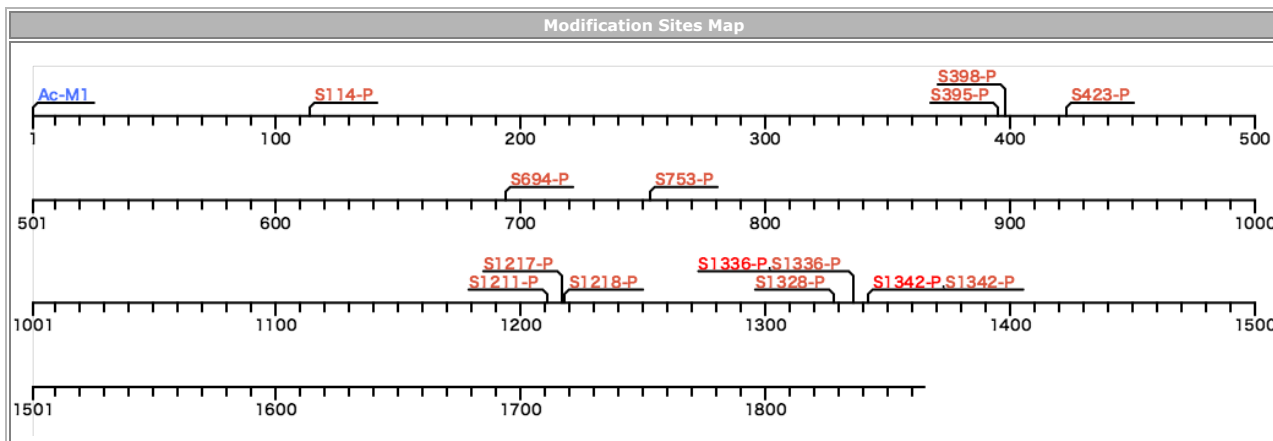


ID	Accession	GeneName	Chr.No.	Description
BRCA1_HUMAN	P38398	BRCA1	17q21.31 41196312..41277500	Breast cancer type 1 susceptibility protein



Click a modification site to display information in detail.

Site no	Amino acid	Type	Division	Detail
1336	S	P	Lab	110218_pRMUGS_4.mgf[F017482]
1336	S	P	Lab	110218_pRMG2_3.mgf[F017477]
1336	S	P	Paper	Cell 2006, 127(3), 635-648
1336	S	P	Paper	Sci Signal 2010, 3(104), ra3
1336	S	P	Paper	Sci Signal 2011, 4(164), rs3

Protein Sequence

MDLSALRVEE VQNVINAMQK ILEPCICLLE IKEPVSTKCD HIFCKFCMLK LLNQKKGPSQ CPLCKNDITK RSLQESTRFS QLVEELLKII CAFQLDTGLE YANSYNFAKK ENNSP
 EHLKD EVSIIQSMGY RNRARLLQS EPENPSLQET SLSVQLSNLG TVRTLRTKQR IQPQKTSVYI ELGSDSSEDV VNKATYCSVG DQELLQITPQ GTRDEISLDS AKKAACEF
 SE TDVTNTEHHQ PSNNDLNTTE KRAAERHPEK YQGSSVSNLH VEPCGTNTHA SSLQHENSLL LTKDRMNVE KAEFCNKSKQ PGLARSQHNH WAGSKETCND RRTPSTEK
 KV DLNADPLCER KEWVKQLPC SENPRDTEV PWITLNSSIQ KVNEWFSRSD ELLGSDSDHD GESENAKVA DVLDVLEVD EYSGSSEKID LLASDPHEAL ICKSERVHS
 K SVESNIEDKI FGKTYRKKAS LPNLSHTVEN LIIGAFVTEP QIIQERPLTN KLKRRRPTS GLHPEDFIKK ADLAVQKTPE MINQGTNQTQ QNGQVMNITN SGHENKTKGD SI
 QNEKNPNP IESLEKESAF KTKAEPISSS ISNMELELNI HNSKAPKKNR LRRKSSTRHI HALELVVSRN LSPPNCTELQ IDSCSSSEI KKKKYNQMPV RHSRNLQMLE GKEPAT
 GAKK SNKPNEQTSK RHDSDTFPEL KLTNAPGSFT KCSNTSELKE FVNPSPREE KEEKLETVKV SNNAEDPKDL MLSGERVLQT ERSVSSSIS LVPGTDYGTQ ESISLLEVST
 LGKAKTEPNK CVSQCAAFEN PKGLIHGCSK DNRNDTEGFK YPLGHEVNHS RETSIEMES ELDAQYLQNT FKVSKRQSFSA PFSNPGNAEE ECATFSAHSG SLKKQSPKVT FE
 CEQKEENQ GKNESNIKPV QTVNITAGFP VVGQDKPVD NAKCSIKGGS RFCLSSQFRG NETGLITPNK HGLLQNPYRI PPLFPIKSFV KTKCKKNLLE ENFEEHSMSP EREMG
 NENIP STVSTISRNN IRENVFKEAS SSNINEVGSS TNEVGSSINE IGSSDENIQA ELGRNRGPKL NAMLRGLVLQ PEVYKQSLPG SNCKHPEIKK QEYEEVVQTV NTFDFPYLI
 S DNLEQPMGSS HASQVCSETP DLLDDDGEIK EDTSFAENDI KESSAVFSKS VQKGELSRSP SPFTHTHLAQ GYRRGAKKLE SSEENLSEED EELPCFQHLL FGKVNNIQPSQ S
 TRHSTVATE CLSKNTEENL LSLKNSLNDK SNQVILAKAS QEHHLSEETK CSASLFSSQC SELEDLTANT NTQDPFLIGS SKQMRHQSES QGVGLSDKEL VSDDEERTG LEE
 NNQEEQS MDSNLGEAAS GCESETSVSE DCSGLSSQSD ILTTQQRDTH QHNLKIQQE MAELEVLEQ HGSQPSNSYP SIISDSSALE DLNPEQSTS EKAVLTSQKS SEYPI
 SQNPE GLSADKFEVS ADSSTSKNKE PGVERSSPSK CPSLDDRWMY HSCSGSLQNR NYPSQEELIK VVDVEEQLE ESGPHDLTET SYLPRQDLEG TPYLESGISL FSDDPES
 DPS EDRAPESARV GNIPSSSAL KVPQLKVAES AQSPAAAHTT DTAGYNAMEE SVSREKPELT ASTERVNKRK SMVVSGLTPE EFMLVYKFAR KHHITLNLN TEETTHVVMK
 TDAEFVCERT LKYFLGIAGG KVVVSYFVWT QSIKERKMLN EHDFEVRGDV VNGRNHQGPK RARESQRKI FRGLEICCYG PFTNMPTDQL EWMVQLCGAS VVKELSSFTL G
 TGVHPVVVV QPDAWTEUNG FHAIQGMCEA PVTREWWLD SVALYQCQEL DTYLIPQIPH SH

Backcolor of amino acid : Yellow -> site of modification, gray -> in front of processing