

PLAG1 wt	MATVIPGDLSEVRDTQKVPS	GKRKRGETKPRKNFPCQLCD	KAFNSVEKLVKVSYSHTGER	PYKCIQQDCTKAFVSKYKLO	RHMATHSPEKTHKCNCEKM	100	PLAG1 wt
p_Ser485delins	MATVIPGDLSEVRDTQKVPS	GKRKRGETKPRKNFPCQLCD	KAFNSVEKLVKVSYSHTGER	PYKCIQQDCTKAFVSKYKLO	RHMATHSPEKTHKCNCEKM	100	p_Ser485delins
p_Arg224Gln	MATVIPGDLSEVRDTQKVPS	GKRKRGETKPRKNFPCQLCD	KAFNSVEKLVKVSYSHTGER	PYKCIQQDCTKAFVSKYKLO	RHMATHSPEKTHKCNCEKM	100	p_Arg224Gln
p_Met204del	MATVIPGDLSEVRDTQKVPS	GKRKRGETKPRKNFPCQLCD	KAFNSVEKLVKVSYSHTGER	PYKCIQQDCTKAFVSKYKLO	RHMATHSPEKTHKCNCEKM	100	p_Met204del
p_Gln455Serfs*16	MATVIPGDLSEVRDTQKVPS	GKRKRGETKPRKNFPCQLCD	KAFNSVEKLVKVSYSHTGER	PYKCIQQDCTKAFVSKYKLO	RHMATHSPEKTHKCNCEKM	100	p_Gln455Serfs*16
p_Tyr341*	MATVIPGDLSEVRDTQKVPS	GKRKRGETKPRKNFPCQLCD	KAFNSVEKLVKVSYSHTGER	PYKCIQQDCTKAFVSKYKLO	RHMATHSPEKTHKCNCEKM	100	p_Tyr341*
p_Val260Alafs*16	MATVIPGDLSEVRDTQKVPS	GKRKRGETKPRKNFPCQLCD	KAFNSVEKLVKVSYSHTGER	PYKCIQQDCTKAFVSKYKLO	RHMATHSPEKTHKCNCEKM	100	p_Val260Alafs*16
p_Asn257Metfs*6	MATVIPGDLSEVRDTQKVPS	GKRKRGETKPRKNFPCQLCD	KAFNSVEKLVKVSYSHTGER	PYKCIQQDCTKAFVSKYKLO	RHMATHSPEKTHKCNCEKM	100	p_Asn257Metfs*6
p_Arg201Profs*52	MATVIPGDLSEVRDTQKVPS	GKRKRGETKPRKNFPCQLCD	KAFNSVEKLVKVSYSHTGER	PYKCIQQDCTKAFVSKYKLO	RHMATHSPEKTHKCNCEKM	100	p_Arg201Profs*52
p_Ser147Valfs*82	MATVIPGDLSEVRDTQKVPS	GKRKRGETKPRKNFPCQLCD	KAFNSVEKLVKVSYSHTGER	PYKCIQQDCTKAFVSKYKLO	RHMATHSPEKTHKCNCEKM	100	p_Ser147Valfs*82
p_Phe222Leufs*7	MATVIPGDLSEVRDTQKVPS	GKRKRGETKPRKNFPCQLCD	KAFNSVEKLVKVSYSHTGER	PYKCIQQDCTKAFVSKYKLO	RHMATHSPEKTHKCNCEKM	100	p_Phe222Leufs*7
p_Ser176*	MATVIPGDLSEVRDTQKVPS	GKRKRGETKPRKNFPCQLCD	KAFNSVEKLVKVSYSHTGER	PYKCIQQDCTKAFVSKYKLO	RHMATHSPEKTHKCNCEKM	100	p_Ser176*
PLAG1 wt	FHRKDHLLKNHLHTHDPNKET	FKCEECGKNYNTKLGFKRHL	ALHAATSGDLTCKVCLQTFFE	STGVLLLEHLKSHAGKSSGGV	KEKKHQCEHCDRRFYTRKDV	200	PLAG1 wt
p_Ser485delins	FHRKDHLLKNHLHTHDPNKET	FKCEECGKNYNTKLGFKRHL	ALHAATSGDLTCKVCLQTFFE	STGVLLLEHLKSHAGKSSGGV	KEKKHQCEHCDRRFYTRKDV	200	p_Ser485delins
p_Arg224Gln	FHRKDHLLKNHLHTHDPNKET	FKCEECGKNYNTKLGFKRHL	ALHAATSGDLTCKVCLQTFFE	STGVLLLEHLKSHAGKSSGGV	KEKKHQCEHCDRRFYTRKDV	200	p_Arg224Gln
p_Met204del	FHRKDHLLKNHLHTHDPNKET	FKCEECGKNYNTKLGFKRHL	ALHAATSGDLTCKVCLQTFFE	STGVLLLEHLKSHAGKSSGGV	KEKKHQCEHCDRRFYTRKDV	200	p_Met204del
p_Gln455Serfs*16	FHRKDHLLKNHLHTHDPNKET	FKCEECGKNYNTKLGFKRHL	ALHAATSGDLTCKVCLQTFFE	STGVLLLEHLKSHAGKSSGGV	KEKKHQCEHCDRRFYTRKDV	200	p_Gln455Serfs*16
p_Tyr341*	FHRKDHLLKNHLHTHDPNKET	FKCEECGKNYNTKLGFKRHL	ALHAATSGDLTCKVCLQTFFE	STGVLLLEHLKSHAGKSSGGV	KEKKHQCEHCDRRFYTRKDV	200	p_Tyr341*
p_Val260Alafs*16	FHRKDHLLKNHLHTHDPNKET	FKCEECGKNYNTKLGFKRHL	ALHAATSGDLTCKVCLQTFFE	STGVLLLEHLKSHAGKSSGGV	KEKKHQCEHCDRRFYTRKDV	200	p_Val260Alafs*16
p_Asn257Metfs*6	FHRKDHLLKNHLHTHDPNKET	FKCEECGKNYNTKLGFKRHL	ALHAATSGDLTCKVCLQTFFE	STGVLLLEHLKSHAGKSSGGV	KEKKHQCEHCDRRFYTRKDV	200	p_Asn257Metfs*6
p_Arg201Profs*52	FHRKDHLLKNHLHTHDPNKET	FKCEECGKNYNTKLGFKRHL	ALHAATSGDLTCKVCLQTFFE	STGVLLLEHLKSHAGKSSGGV	KEKKHQCEHCDRRFYTRKDV	200	p_Arg201Profs*52
p_Ser147Valfs*82	FHRKDHLLKNHLHTHDPNKET	FKCEECGKNYNTKLGFKRHL	ALHAATVVTSPVRYVCKLLK	ARECFWSTLNLMQASRLVGL	KKKSTSANIVIAGSTPERMS	200	p_Ser147Valfs*82
p_Phe222Leufs*7	FHRKDHLLKNHLHTHDPNKET	FKCEECGKNYNTKLGFKRHL	ALHAATSGDLTCKVCLQTFFE	STGVLLLEHLKSHAGKSSGGV	KEKKHQCEHCDRRFYTRKDV	200	p_Phe222Leufs*7
p_Ser176*	FHRKDHLLKNHLHTHDPNKET	FKCEECGKNYNTKLGFKRHL	ALHAATSGDLTCKVCLQTFFE	STGVLLLEHLKSHAGK*		176	p_Ser176*
PLAG1 wt	RRHMOVHTGRKDFLCQYCAQ	RFGRKDHLTRHMKKSHNQEL	LKVKTEPVDFLDPFTCNVSV	PIKDELLPVMSLPSSSELLSK	PFTNTLQLNLYNTFPQSMQS	300	PLAG1 wt
p_Ser485delins	RRHMOVHTGRKDFLCQYCAQ	RFGRKDHLTRHMKKSHNQEL	LKVKTEPVDFLDPFTCNVSV	PIKDELLPVMSLPSSSELLSK	PFTNTLQLNLYNTFPQSMQS	300	p_Ser485delins
p_Arg224Gln	RRHMOVHTGRKDFLCQYCAQ	RFGRKDHLTRHMKKSHNQEL	LKVKTEPVDFLDPFTCNVSV	PIKDELLPVMSLPSSSELLSK	PFTNTLQLNLYNTFPQSMQS	300	p_Arg224Gln
p_Met204del	RRHMOVHTGRKDFLCQYCAQ	RFGRKDHLTRHMKKSHNQEL	LKVKTEPVDFLDPFTCNVSV	PIKDELLPVMSLPSSSELLSK	PFTNTLQLNLYNTFPQSMQS	300	p_Met204del
p_Gln455Serfs*16	RRHMOVHTGRKDFLCQYCAQ	RFGRKDHLTRHMKKSHNQEL	LKVKTEPVDFLDPFTCNVSV	PIKDELLPVMSLPSSSELLSK	PFTNTLQLNLYNTFPQSMQS	300	p_Gln455Serfs*16
p_Tyr341*	RRHMOVHTGRKDFLCQYCAQ	RFGRKDHLTRHMKKSHNQEL	LKVKTEPVDFLDPFTCNVSV	PIKDELLPVMSLPSSSELLSK	PFTNTLQLNLYNTFPQSMQS	300	p_Tyr341*
p_Val260Alafs*16	RRHMOVHTGRKDFLCQYCAQ	RFGRKDHLTRHMKKSHNQEL	LKVKTEPVDFLDPFTCNVSA	YKRRAPSGDVLTFQ*		275	p_Val260Alafs*16
p_Asn257Metfs*6	RRHMOVHTGRKDFLCQYCAQ	RFGRKDHLTRHMKKSHNQEL	LKVKTEPVDFLDPFTCMCLC	L*		262	p_Asn257Metfs*6
p_Arg201Profs*52	PETHGGAHWKGLPLSVLCT	EIWAKGSPDSTYEEESQSRA	SEGQNRTSGFF*			252	p_Arg201Profs*52
p_Ser147Valfs*82	GDTEWCTLEERTSSVSIVHR	DLGERIT*				228	p_Ser147Valfs*82
p_Phe222Leufs*7	RRHMOVHTGRKDFLCQYCAQ	RLGERIT*				228	p_Phe222Leufs*7
p_Ser176*							
PLAG1 wt	SGSAHQMITTLPGLMTCPID	MDTVHPSHHLSFKYPFSSTS	YAIISPEKEQPLKGEIESYL	MELQGGVPSSSQDSQASSSS	KLGLDPQIGSLDDGAGDLSL	400	PLAG1 wt
p_Ser485delins	SGSAHQMITTLPGLMTCPID	MDTVHPSHHLSFKYPFSSTS	YAIISPEKEQPLKGEIESYL	MELQGGVPSSSQDSQASSSS	KLGLDPQIGSLDDGAGDLSL	400	p_Ser485delins
p_Arg224Gln	SGSAHQMITTLPGLMTCPID	MDTVHPSHHLSFKYPFSSTS	YAIISPEKEQPLKGEIESYL	MELQGGVPSSSQDSQASSSS	KLGLDPQIGSLDDGAGDLSL	400	p_Arg224Gln
p_Met204del	SGSAHQMITTLPGLMTCPID	MDTVHPSHHLSFKYPFSSTS	YAIISPEKEQPLKGEIESYL	MELQGGVPSSSQDSQASSSS	KLGLDPQIGSLDDGAGDLSL	400	p_Met204del
p_Gln455Serfs*16	SGSAHQMITTLPGLMTCPID	MDTVHPSHHLSFKYPFSSTS	YAIISPEKEQPLKGEIESYL	MELQGGVPSSSQDSQASSSS	KLGLDPQIGSLDDGAGDLSL	400	p_Gln455Serfs*16
p_Tyr341*	SGSAHQMITTLPGLMTCPID	MDTVHPSHHLSFKYPFSSTS	*			341	p_Tyr341*
p_Val260Alafs*16							
p_Asn257Metfs*6							
p_Arg201Profs*52							
p_Ser147Valfs*82							
p_Phe222Leufs*7							
p_Ser176*							
PLAG1 wt	SKSSISISDPLNTPALDFSQ	LFNFIFPLNGPPYNPLSVGSL	GMSYSQEEAHSSVSQLPPTQ	QDLQDPANTIGLGLSHLSA	AFTSSLSTSTTLPRFHQAFO	500	PLAG1 wt
p_Ser485delins	SKSSISISDPLNTPALDFSQ	LFNFIFPLNGPPYNPLSVGSL	GMSYSQEEAHSSVSQLPPTQ	QDLQDPANTIGLGLSHLSA	AFTSRDSGTWTHYRNVCAV	500	p_Ser485delins
p_Arg224Gln	SKSSISISDPLNTPALDFSQ	LFNFIFPLNGPPYNPLSVGSL	GMSYSQEEAHSSVSQLPPTQ	QDLQDPANTIGLGLSHLSA	AFTSSLSTSTTLPRFHQAFO	500	p_Arg224Gln
p_Met204del	SKSSISISDPLNTPALDFSQ	LFNFIFPLNGPPYNPLSVGSL	GMSYSQEEAHSSVSQLPPTQ	QDLQDPANTIGLGLSHLSA	AFTSSLSTSTTLPRFHQAFO	500	p_Met204del
p_Gln455Serfs*16	SKSSISISDPLNTPALDFSQ	LFNFIFPLNGPPYNPLSVGSL	GMSYSQEEAHSSVSSSPKH	RIFRILQTL*		470	p_Gln455Serfs*16
p_Tyr341*							
p_Val260Alafs*16							
p_Asn257Metfs*6							
p_Arg201Profs*52							
p_Ser147Valfs*82							
p_Phe222Leufs*7							
p_Ser176*							
PLAG1 wt							
p_Ser485delins	P*					501	p_Ser485delins
p_Arg224Gln							
p_Met204del							
p_Gln455Serfs*16							
p_Tyr341*							
p_Val260Alafs*16							
p_Asn257Metfs*6							
p_Arg201Profs*52							
p_Ser147Valfs*82							
p_Phe222Leufs*7							
p_Ser176*							