

Consensus	MLGPATFLPLTAALLLLIPGGRAQFPRQCVTPEALRSGQCCPGLFPALTPDPADRCGASVGRGRCAPLQVDARPHGPQYPHDGVDDREQWPTRFFNNSCLCAENFSGYDCGSCKPGWVG	120
Tyrp1 Wild type RNA-Seq Pool		120
Tyrp1 Copper RNA-Seq Pool		120
Consensus	NCNQRVLAVERRNILDLTAEERRRFIAALDLAKRTTHPHYVIASRRYAEIMGPDGNSTQFENVSIYNFFVWTHYYSIGKTFLGAGRESFGGIDFSHEGPAFVTWHRYHLLQLERDMQEMLQ	240
Tyrp1 Wild type RNA-Seq Pool		240
Tyrp1 Copper RNA-Seq Pool		240
Consensus	DPTFALPYWNFAIGGNECDICTDDFMGARSNFDSILLSSNSVFSQWRVLCESLEDYDTLGTICNSTEGGPIRRNPGGNVARPMVQRLPEPQDVALCLEVGLFDTPPFYSNSSESFRNTVE	360
Tyrp1 Wild type RNA-Seq Pool		360
Tyrp1 Copper RNA-Seq Pool		360
Consensus	GYSEPSGKYDPSVRSLSHNLHLFLNGTXXXXXXXXXXXXXXXXXXXXXXXXXLRHNADISLYPLENAPIGHNRYQNMVPFWPPVSNEMFVTAPESLGYSYEVQWPSRALNFTEIIT	480
Tyrp1 Wild type RNA-Seq Pool	GGQTHVSPNDPIFVLLHTFTDAVFDEW.....	480
Tyrp1 Copper RNA-Seq Pool	EDKLTCLMTLYLFFCTRLLMQYLTNG-----	480
Consensus	IAVVAALVLVAVIFAAASCAVHRSRKDDVHQPLLGEQYPRYSEE	524
Tyrp1 Wild type RNA-Seq Pool		524
Tyrp1 Copper RNA-Seq Pool	-----	414