

NSTP-1	1	MAAVISTTLFGVGCQAGIEYIQTYVKNSLNLIITFASFIFITATYGLIFHSKFFTPNRIPIKSYAKI	68
SLC35B4	1	MRPALAVGLVFAGCCSNVIFLELLARKHPGCGNIVTFAQELFIAVEGFLFEADLGRKPPAIPIRYYAIM	69
NSTP-1	69	VAIFFTVNMTNNLALKFATYFPLFIIFKSGTILTNMTMGWILRNYQVSLKQISAVVVVVTAGIVIFTLAS	137
SLC35B4	70	VTMFFTVSVVNNYALNLIAMPLHMIERSGSLIANMILGIIILKKRYSIFKYTSIALVSVGIFICTFMS	138
NSTP-1	138	YEPGAQNIRSGIDSNSWLIPIPPFVVGALLSFALILSAYLGLYOETFYQKHGKHNEEMMFYVHFLSIP	206
SLC35B4	139	AKQVTSQ--SSLSENDGFQAFVWLLGIGALTFALLMSARMGIFOETLYKRFGKHSKEALFYNHALPLP	205
NSTP-1	207	LEAFVGDDMVPAFHAAYSTPS--FVLAGLDTVVESAWVYIFAICLFOFACTKGVYMLSAVTTSLNVTMV	273
SLC35B4	206	GFVFLASDIYD--HAVLFNKSELYEIPVIGVTLHIMFYLLMNIITOYVCIRGVFILTTECASLTVTLV	272
NSTP-1	274	LTLRKFFSLIISFIVTEVVENMFHIIIGAAVFIGTILFSVSFARF	318
SLC35B4	273	VTLRKFFVSLIFSILYEQNPETLWHWLGTLFVFIGTLMYTEVWNNLGTTKSEPQKDSKKN	331

**Figure S2. Comparison of amino acid sequences between SVH-9/NSTP-1 and human SLC35B4.** Identical and similar residues are highlighted with black and gray shading, respectively.