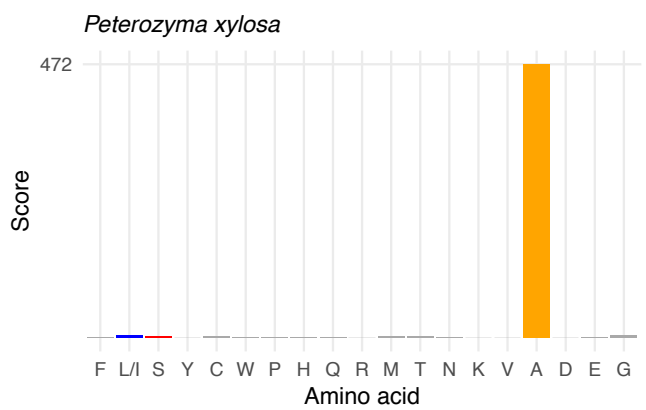
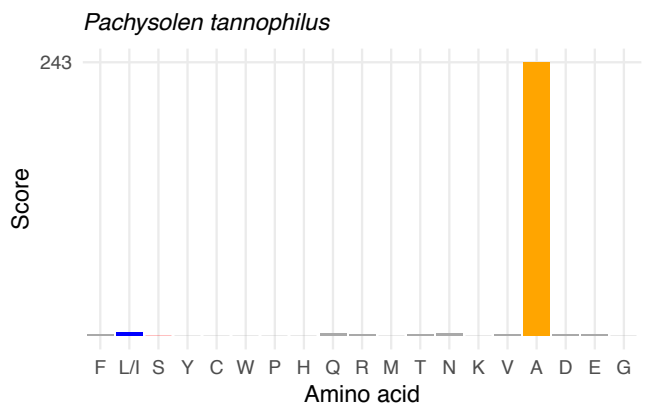
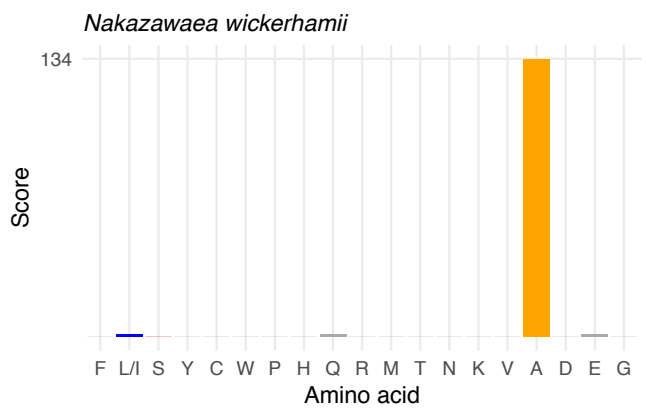
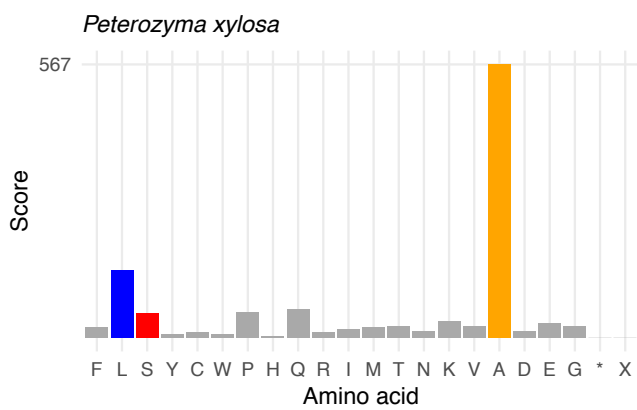
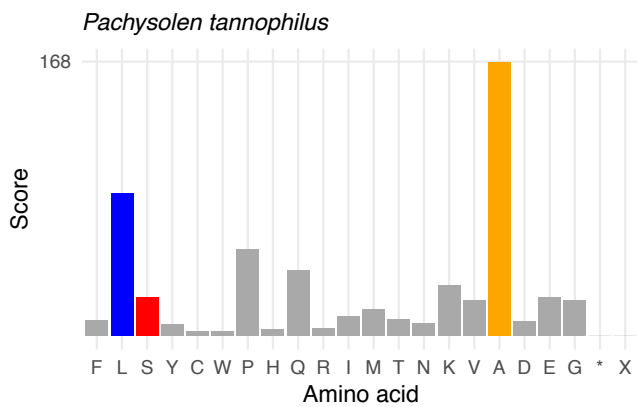
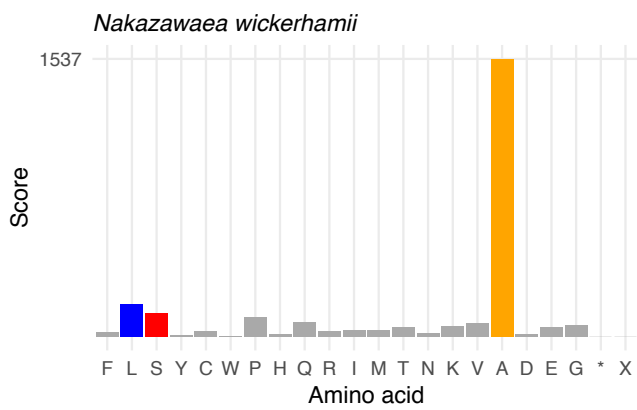
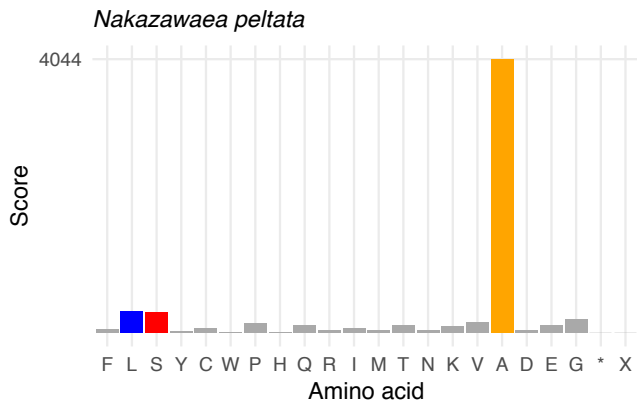


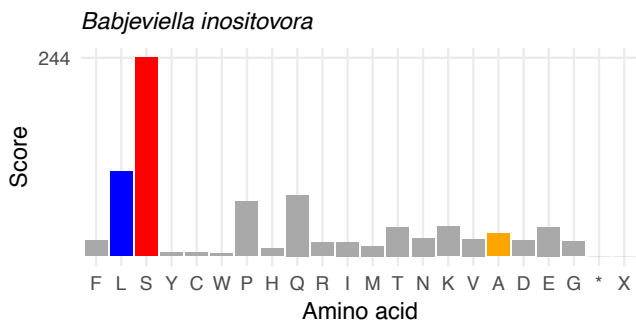
BLAST-based prediction

LC-MS/MS validation

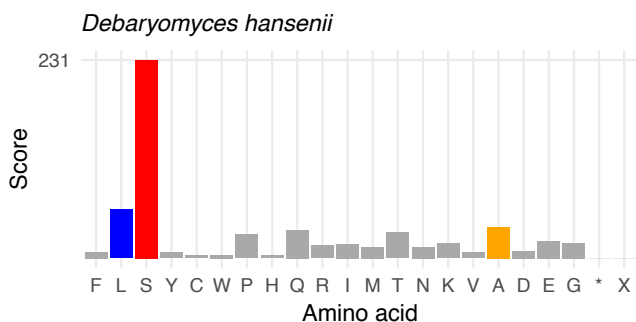
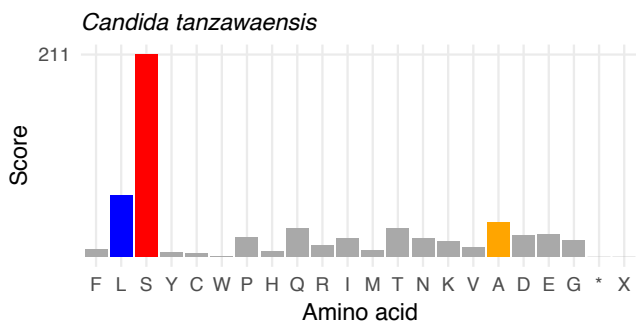
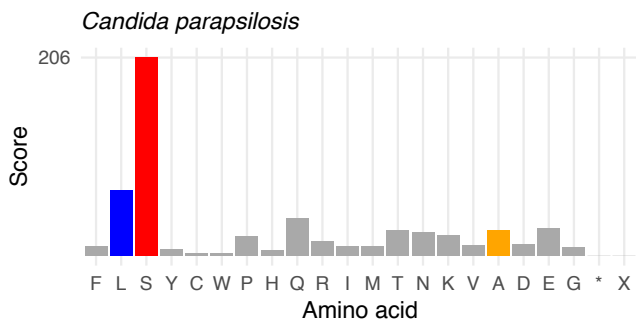
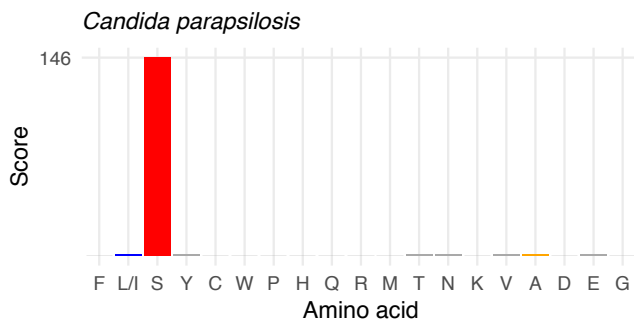
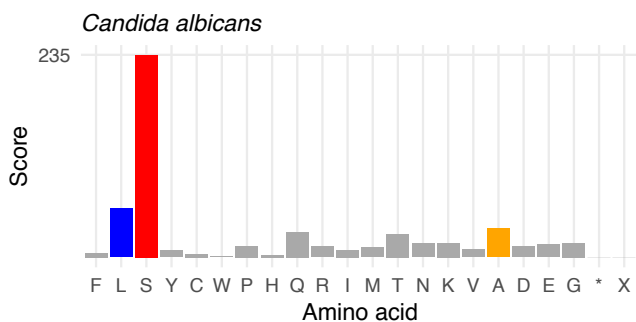
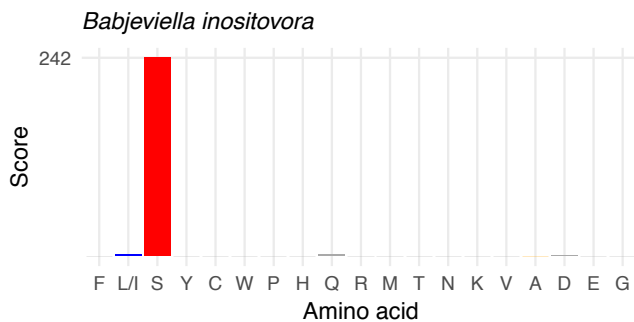


(a) Ala clade

BLAST-based prediction

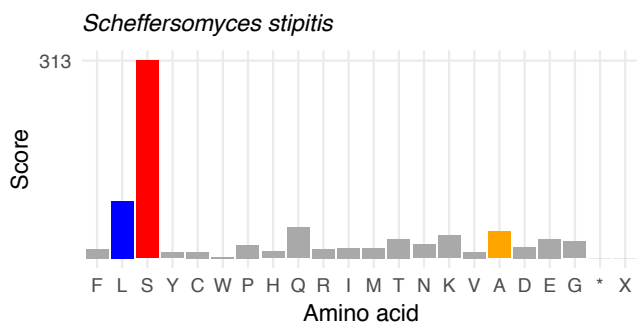
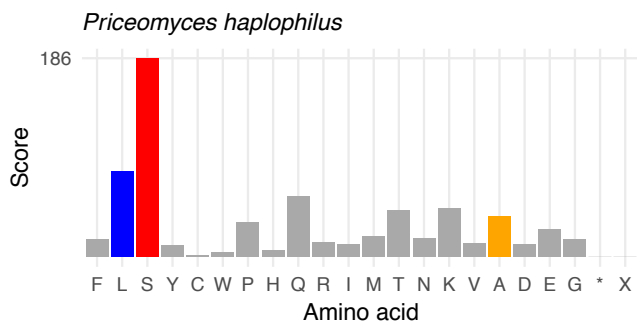
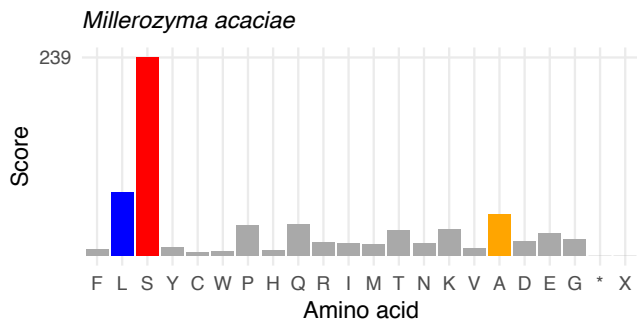
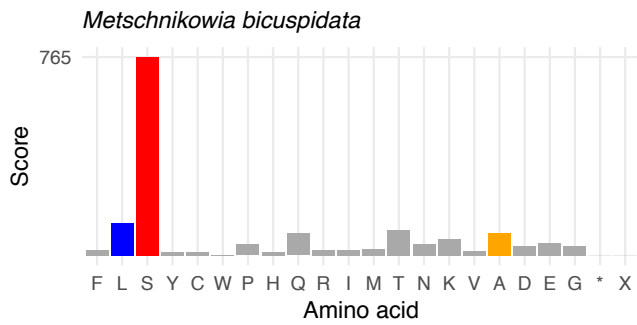
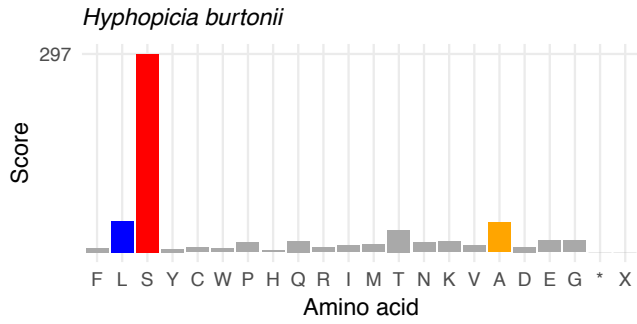


LC-MS/MS validation



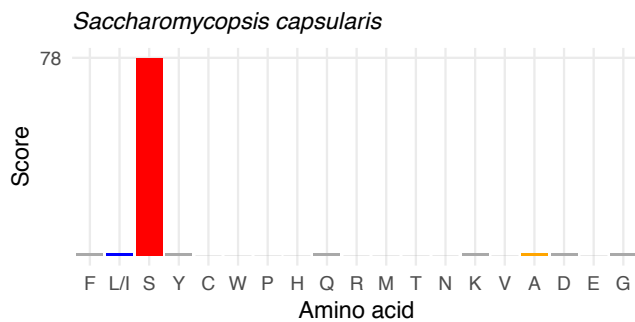
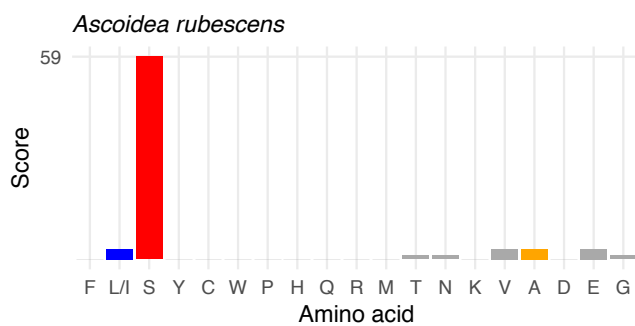
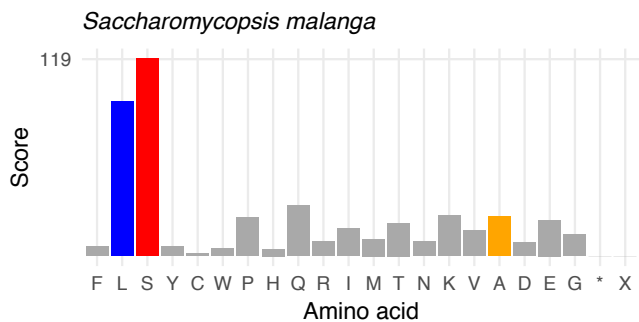
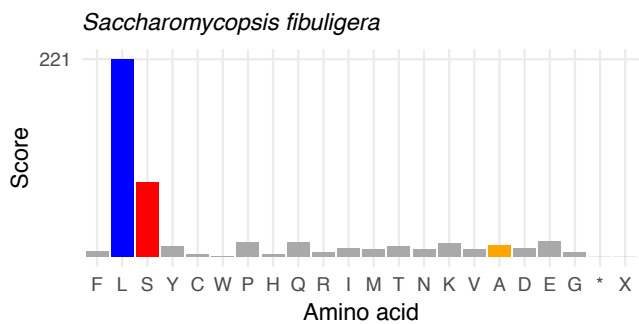
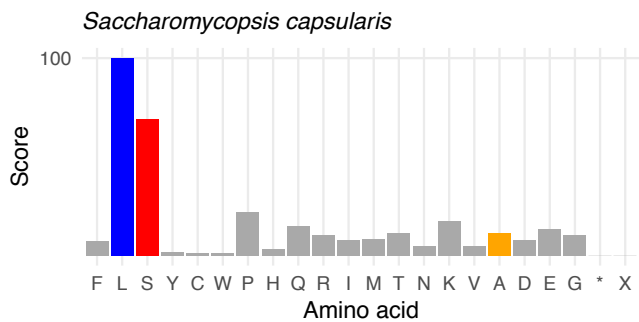
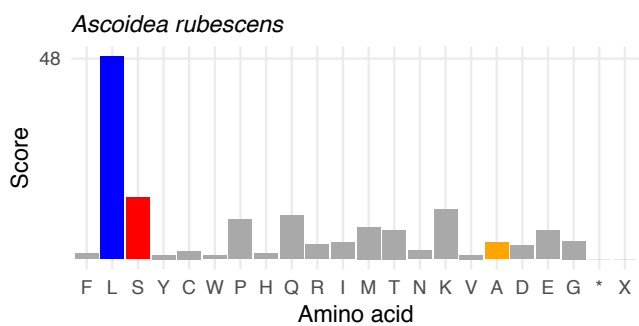
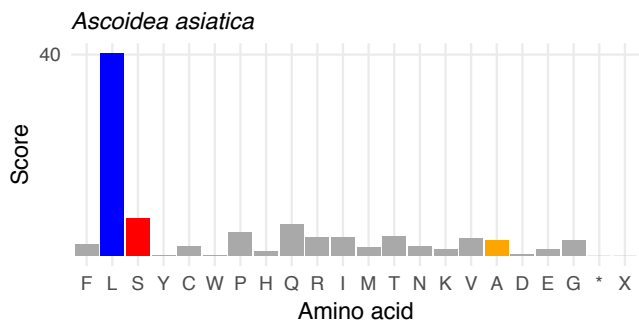
BLAST-based prediction

LC-MS/MS validation



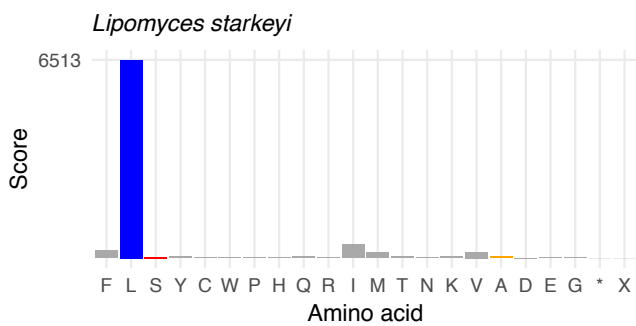
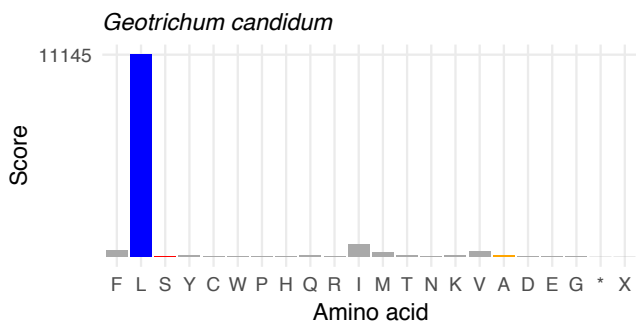
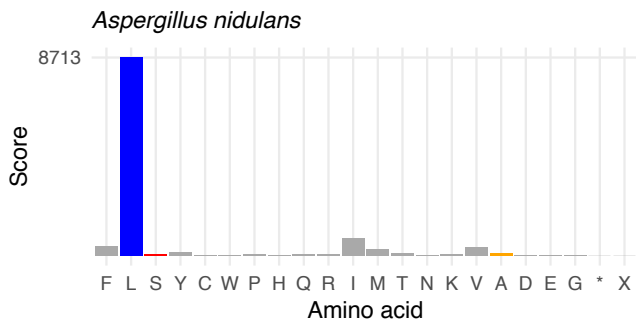
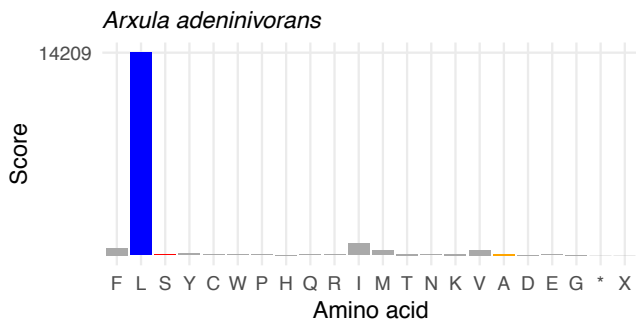
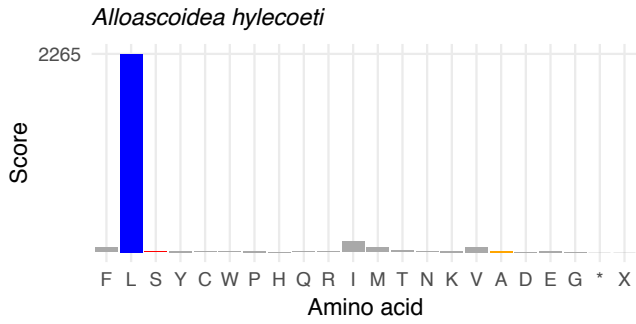
BLAST-based prediction

LC-MS/MS validation

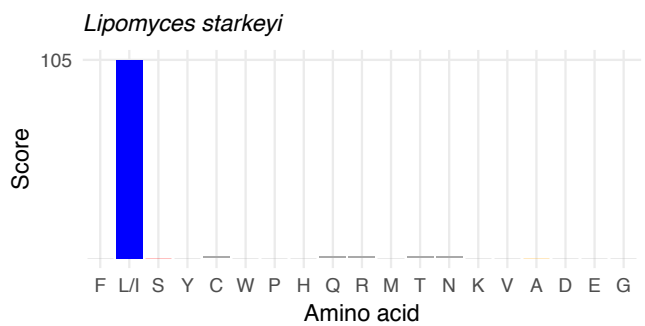
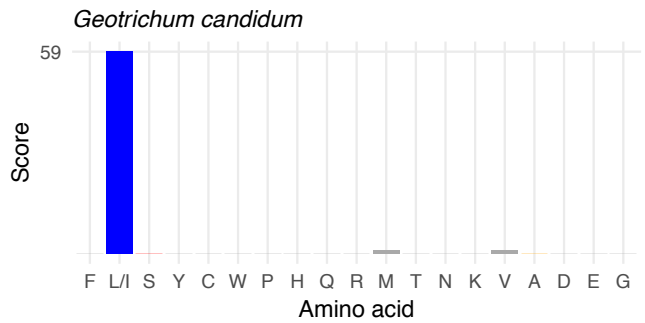


(d) Ser2 clade

BLAST-based prediction

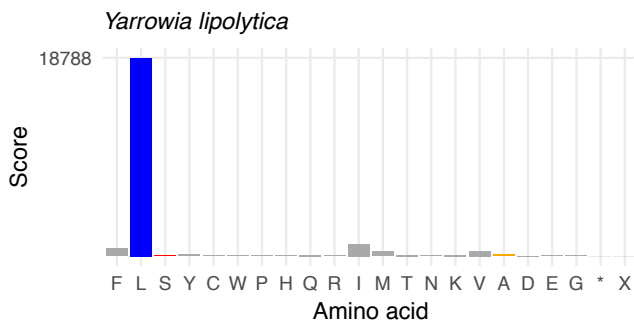
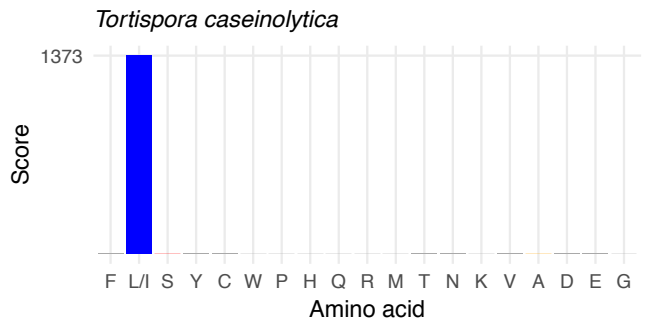
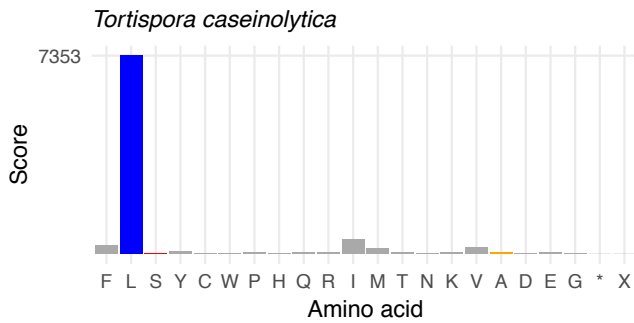
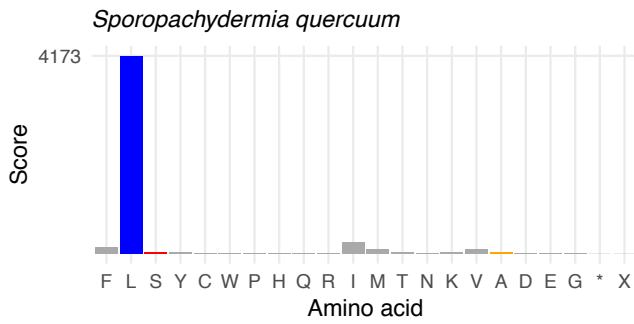
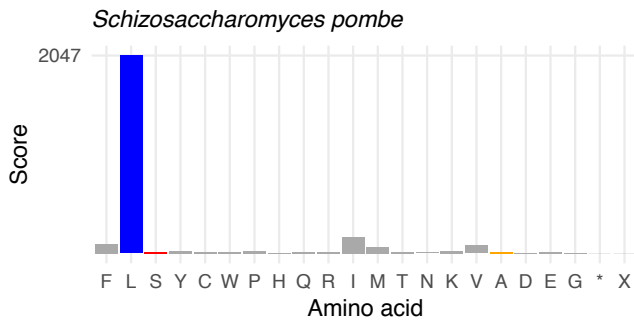
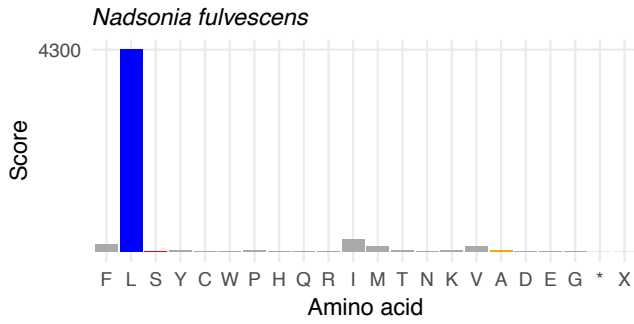


LC-MS/MS validation



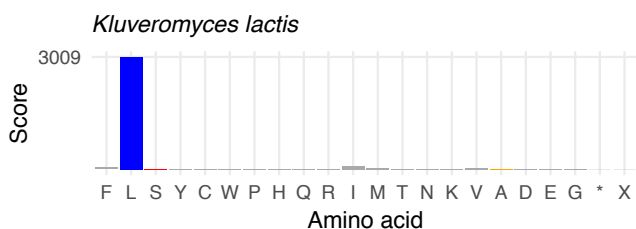
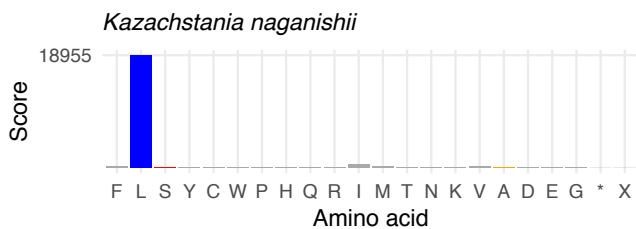
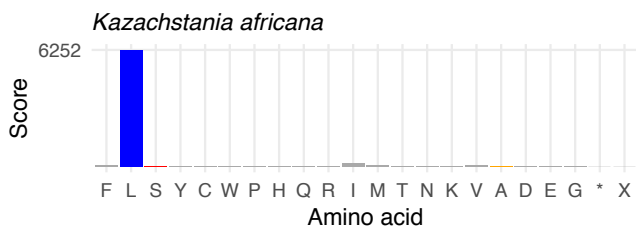
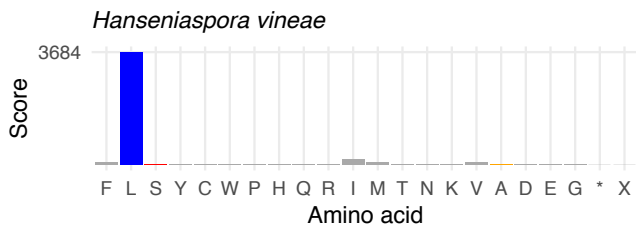
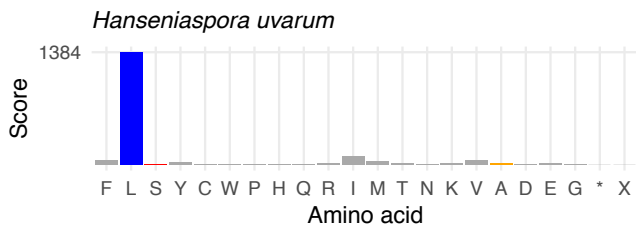
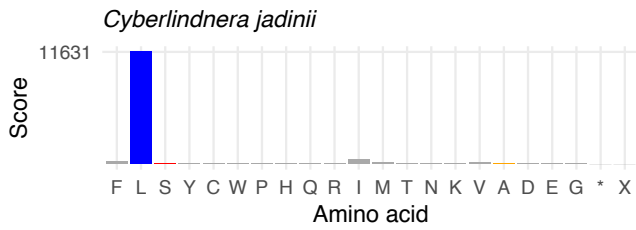
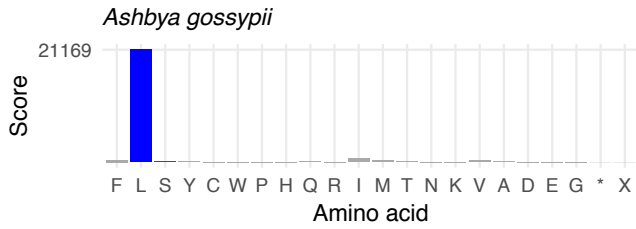
BLAST-based prediction

LC-MS/MS validation



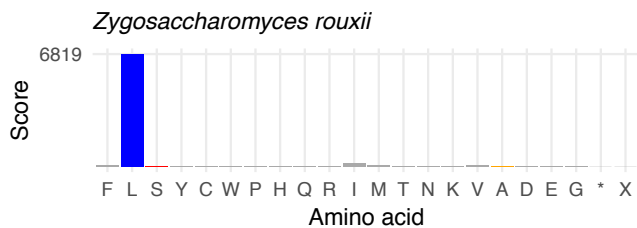
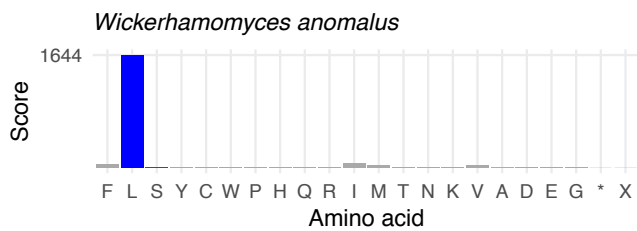
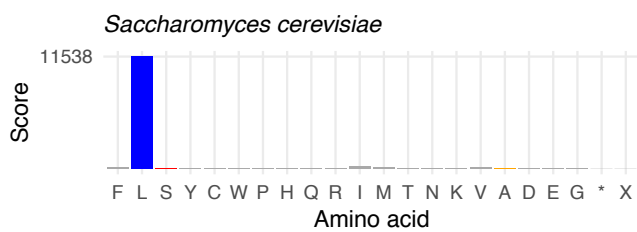
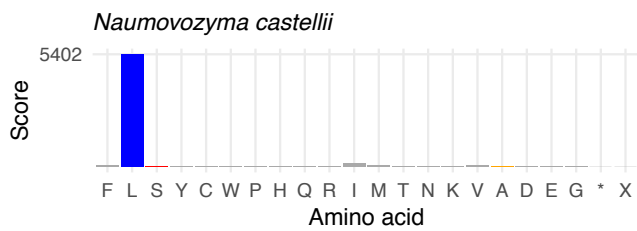
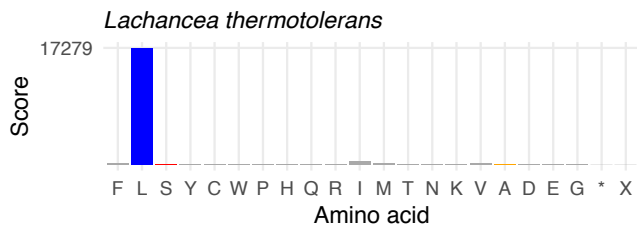
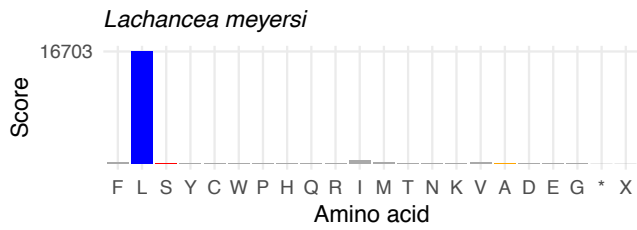
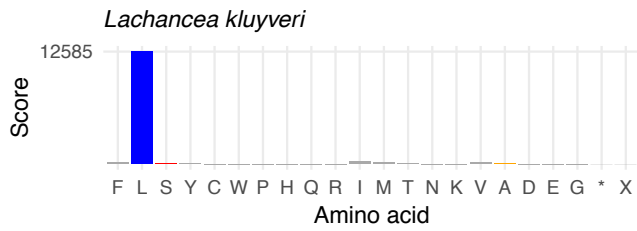
BLAST-based prediction

LC-MS/MS validation

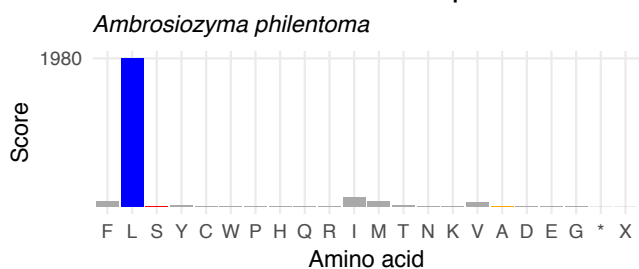


BLAST-based prediction

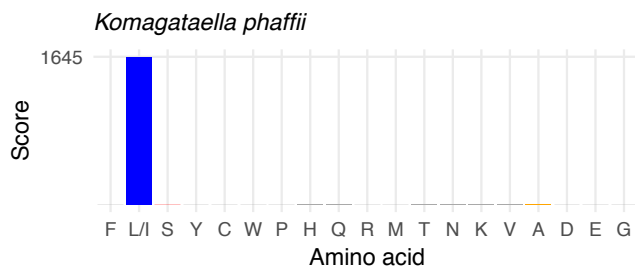
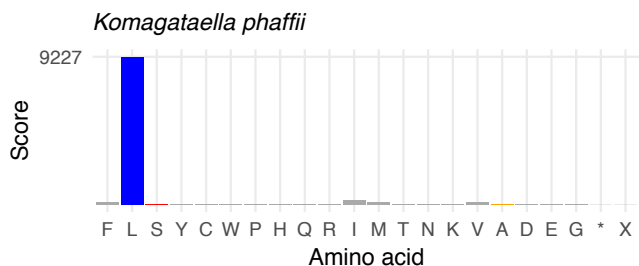
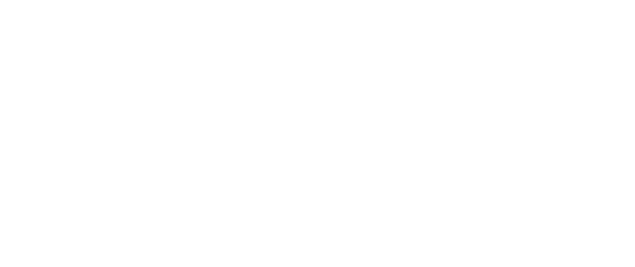
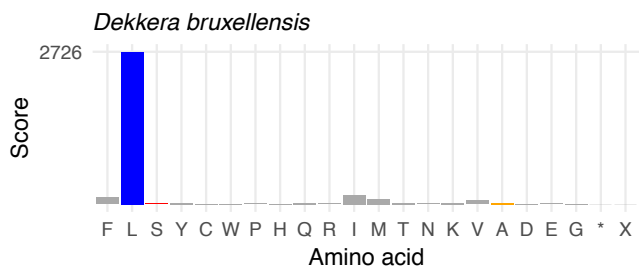
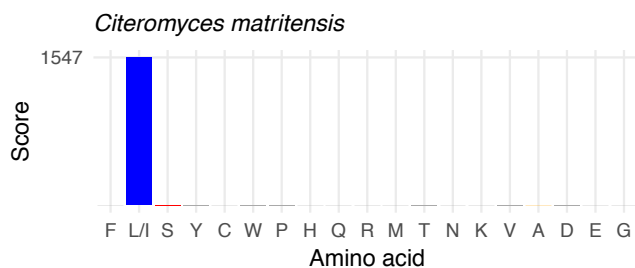
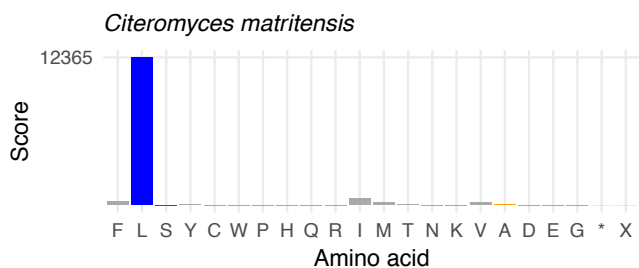
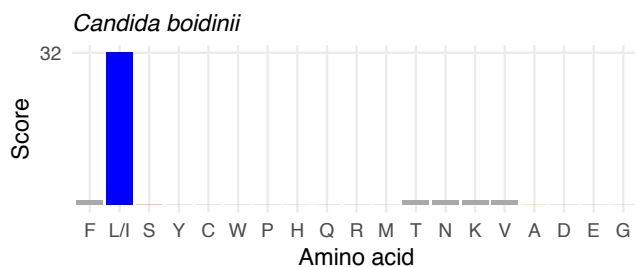
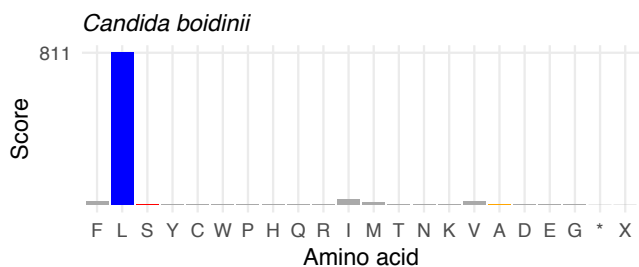
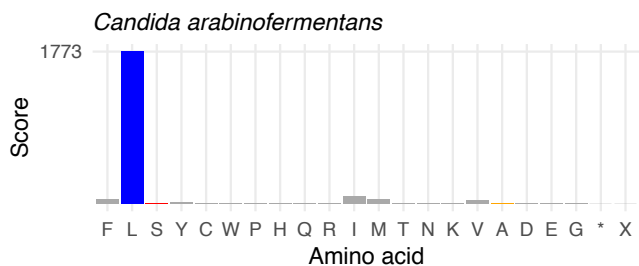
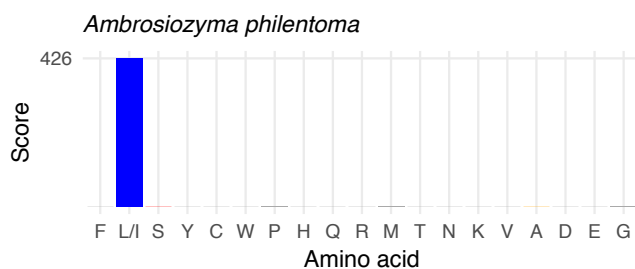
LC-MS/MS validation



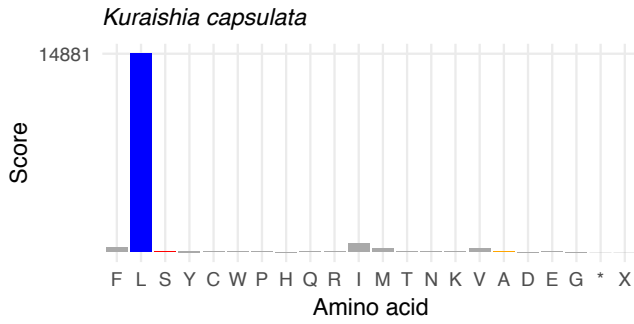
BLAST-based prediction



LC-MS/MS validation



BLAST-based prediction



LC-MS/MS validation

