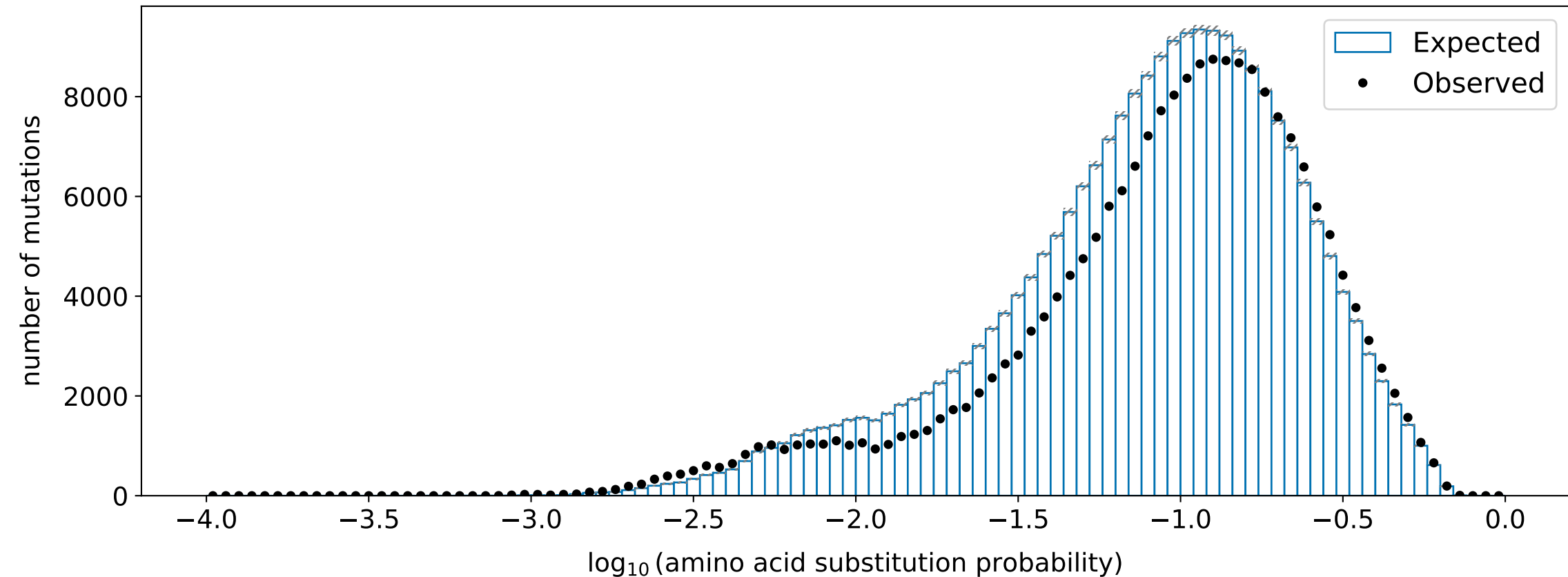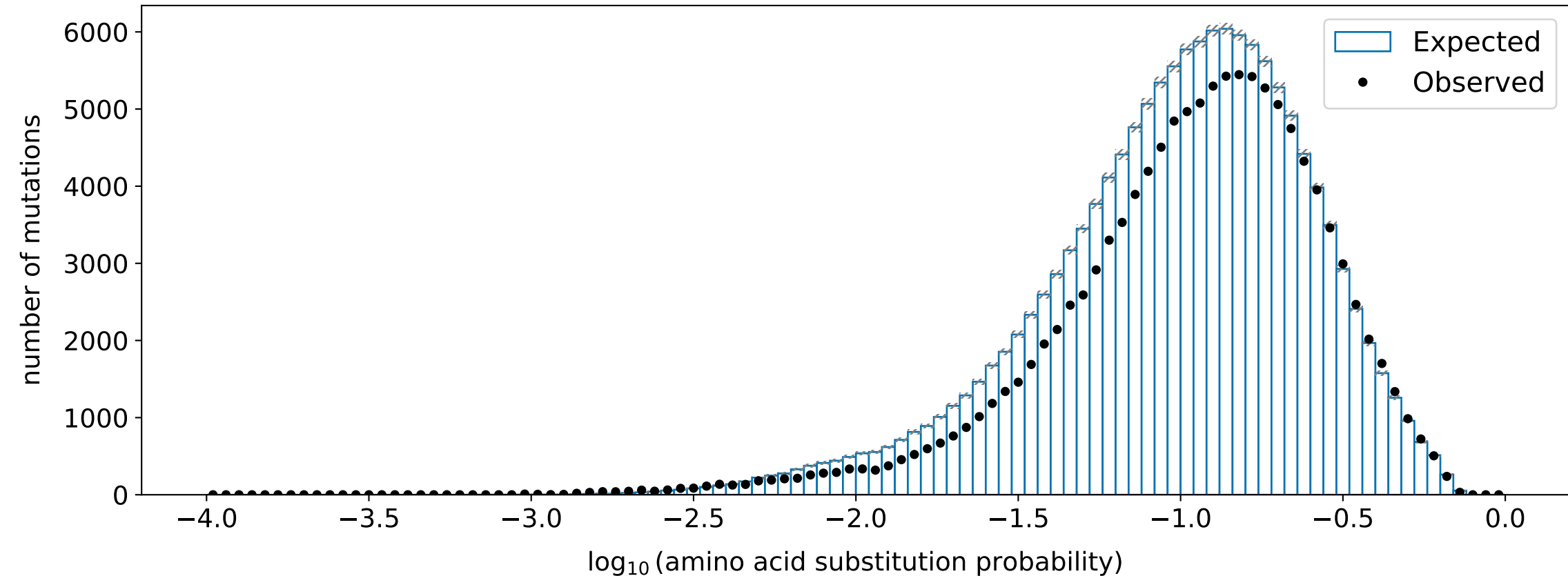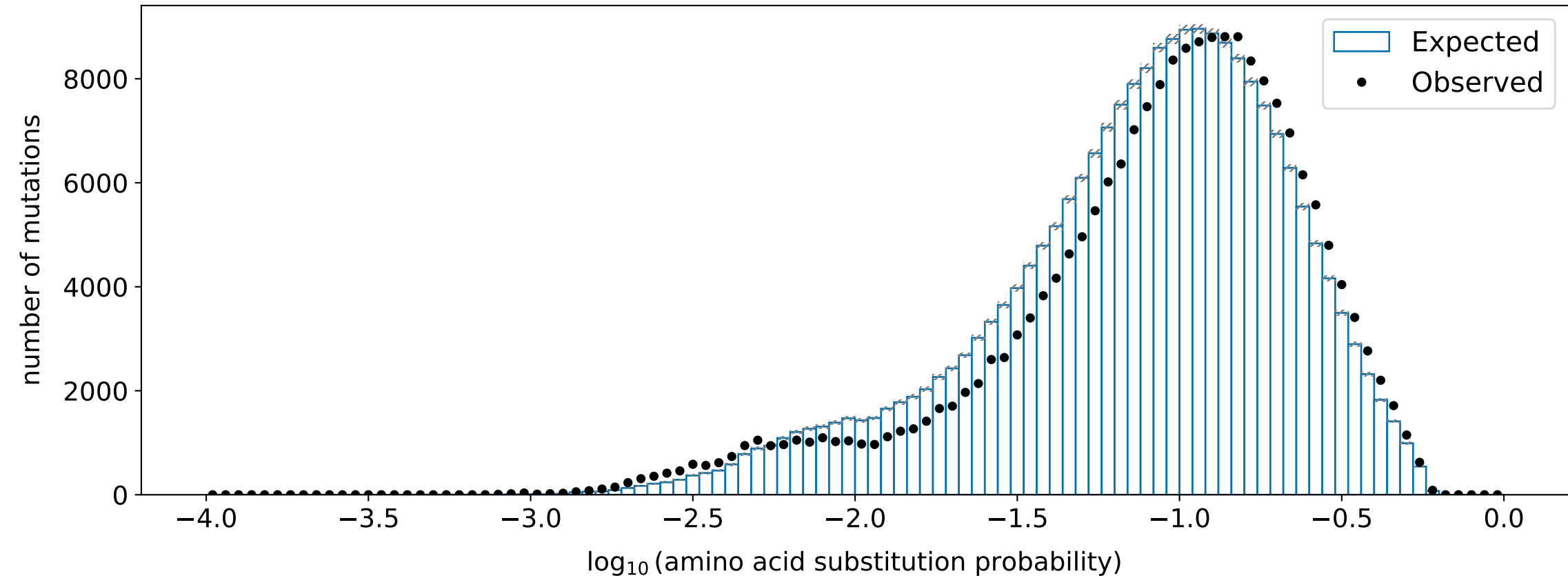single-v1tang50k-joint on v1tang50k; overlap=0.923, residual=0.0237
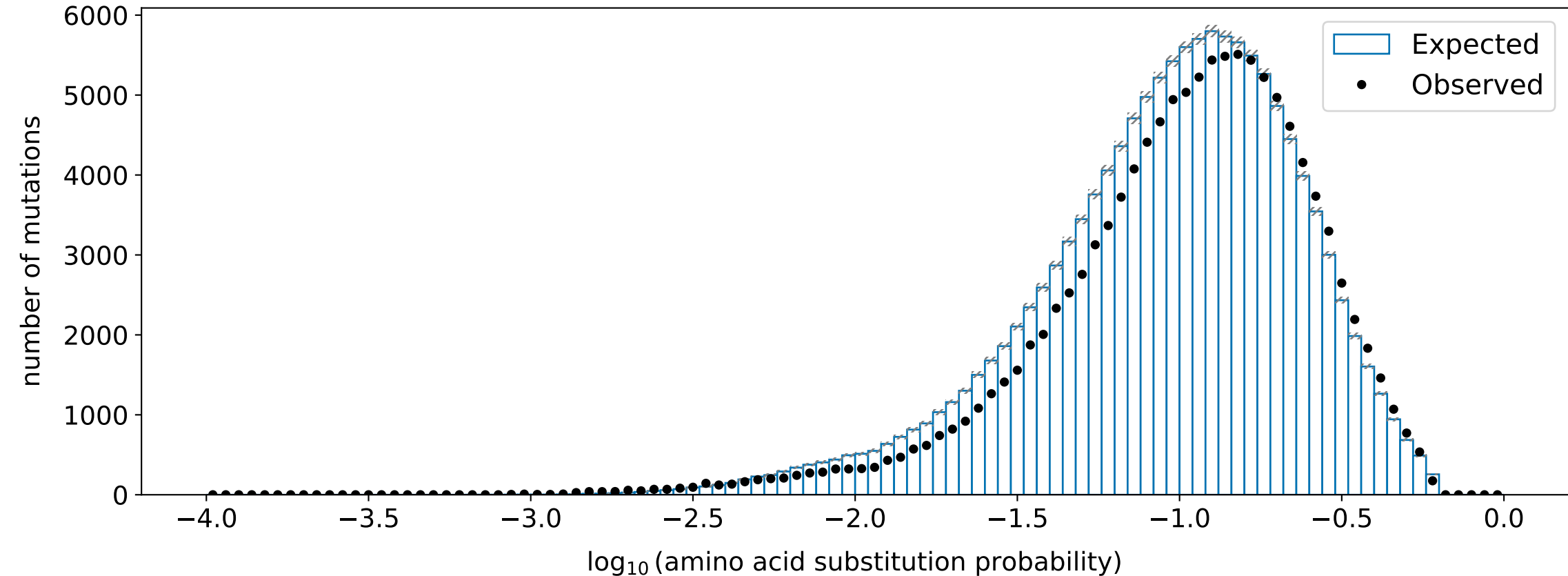
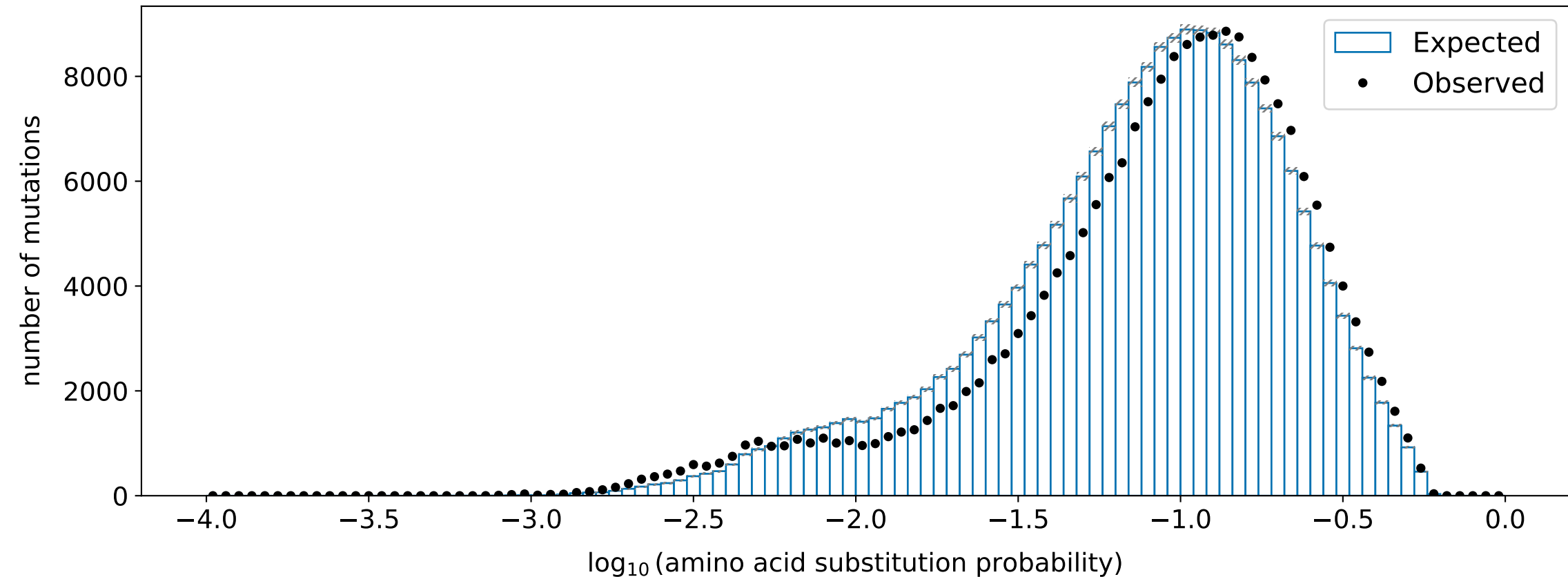single-v1tang50k-joint on v1rodriguez; overlap=0.922, residual=0.0248

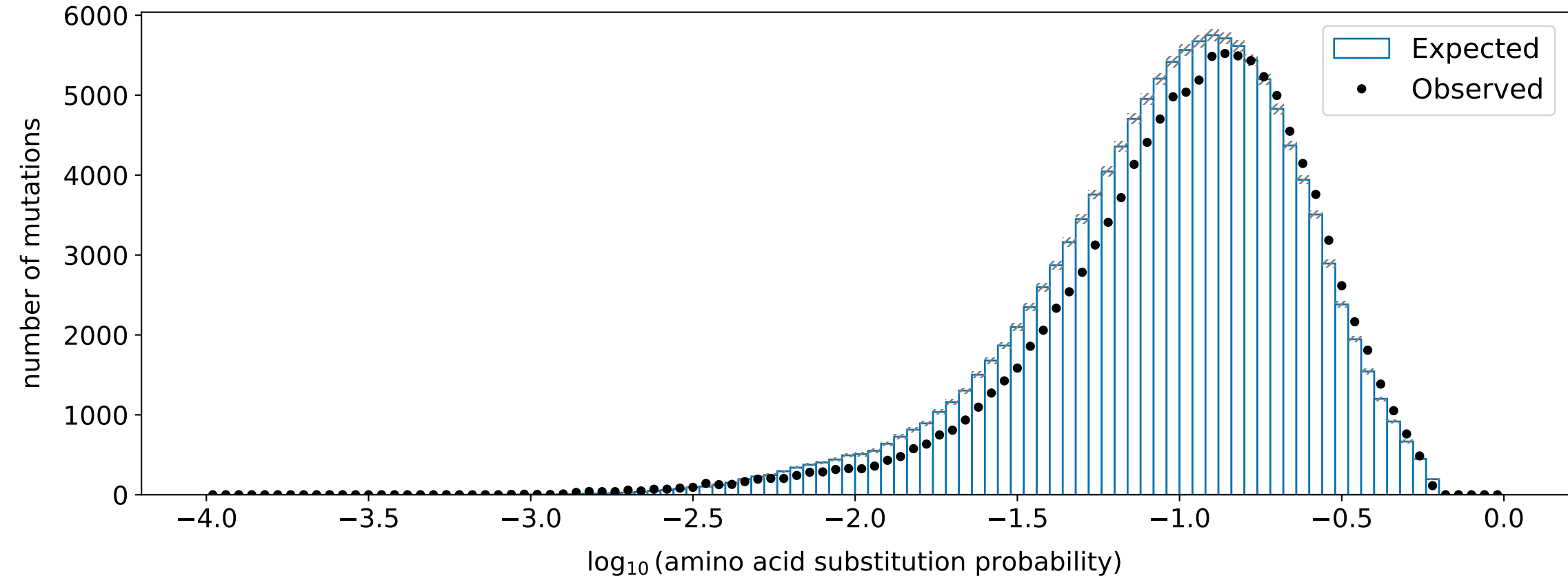single-v1tang-joint on v1tang50k; overlap=0.929, residual=0.0207

single-v1tang-joint on v1rodriguez; overlap=0.936, residual=0.0198
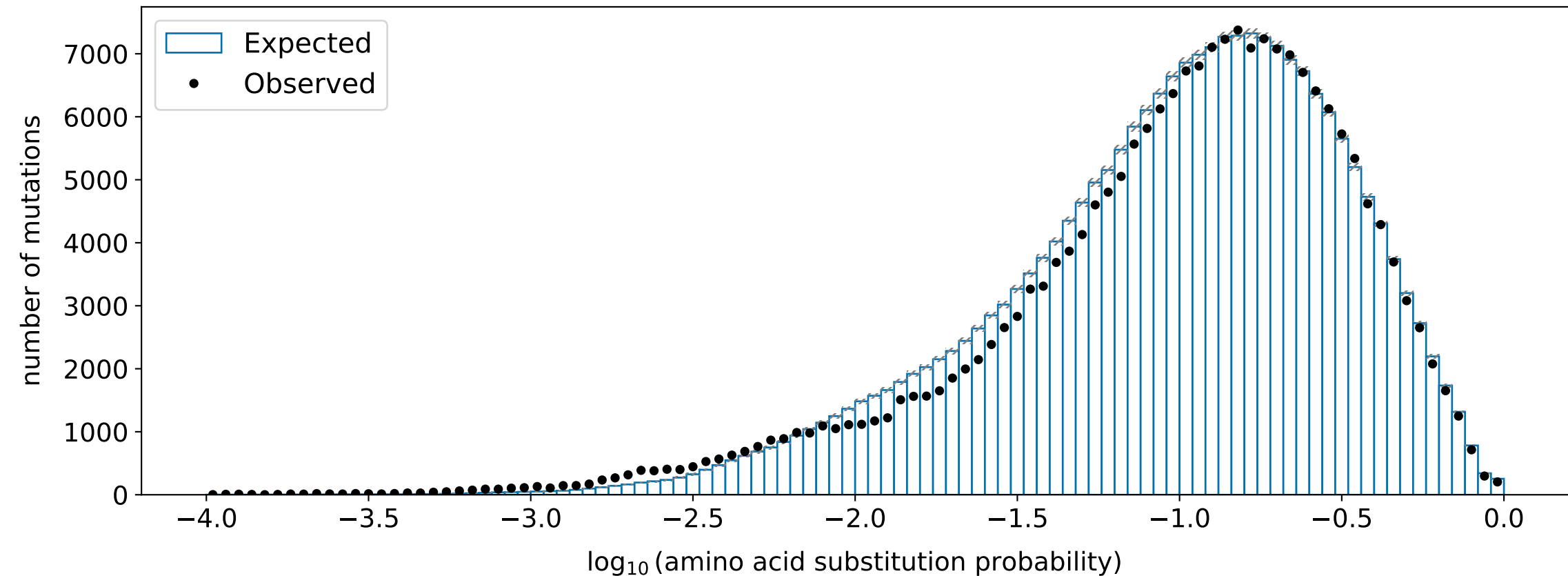
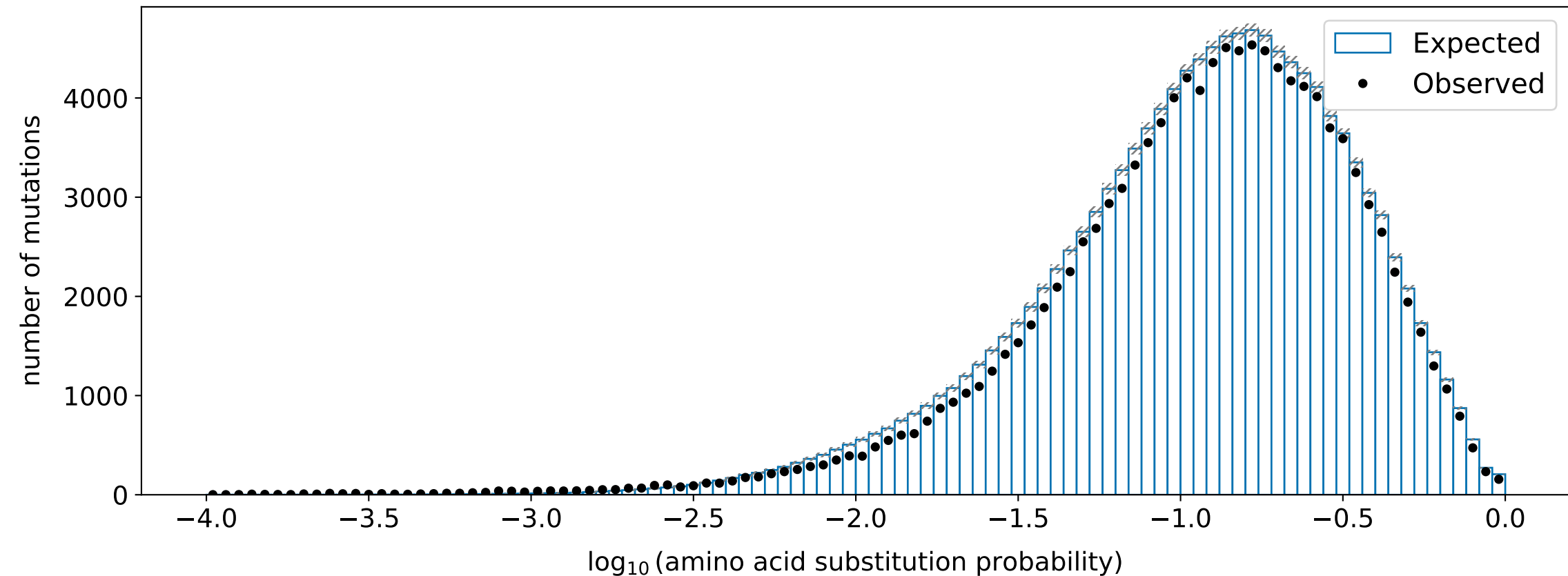single-v1wyatt+v1tang-joint on v1tang50k; overlap=0.929, residual=0.0205

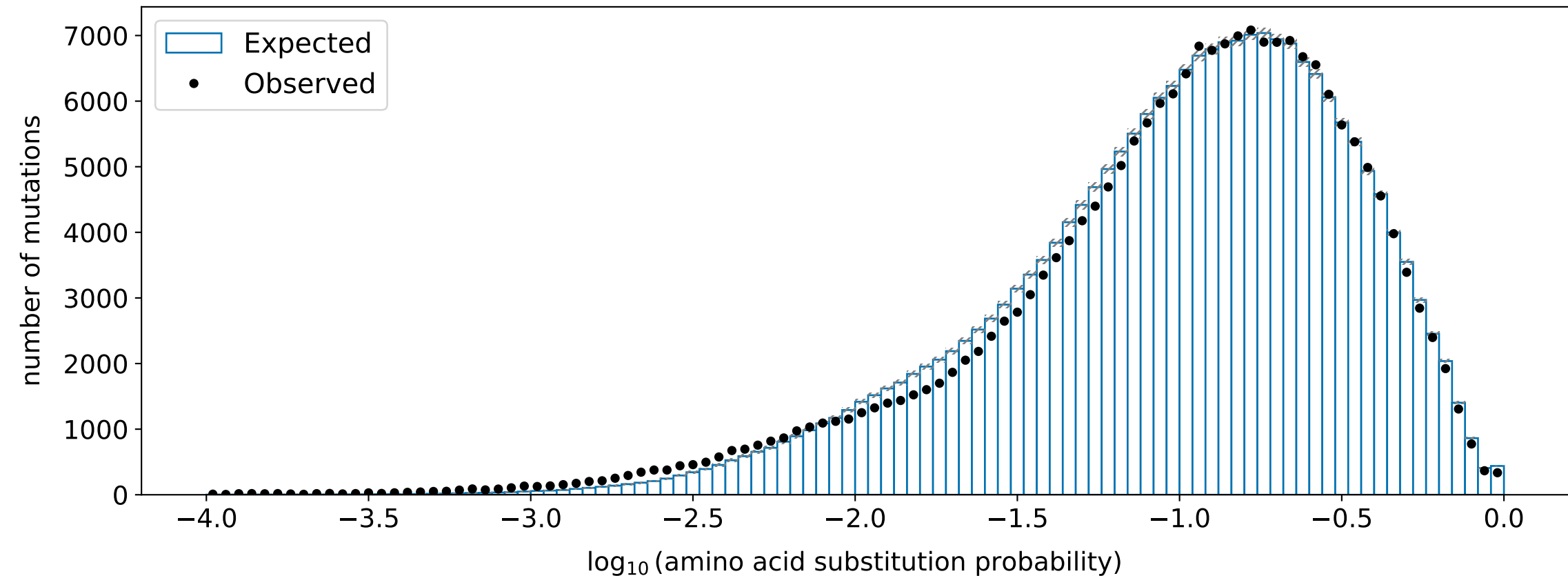single-v1wyatt+v1tang-joint on v1rodriguez; overlap=0.938, residual=0.0193

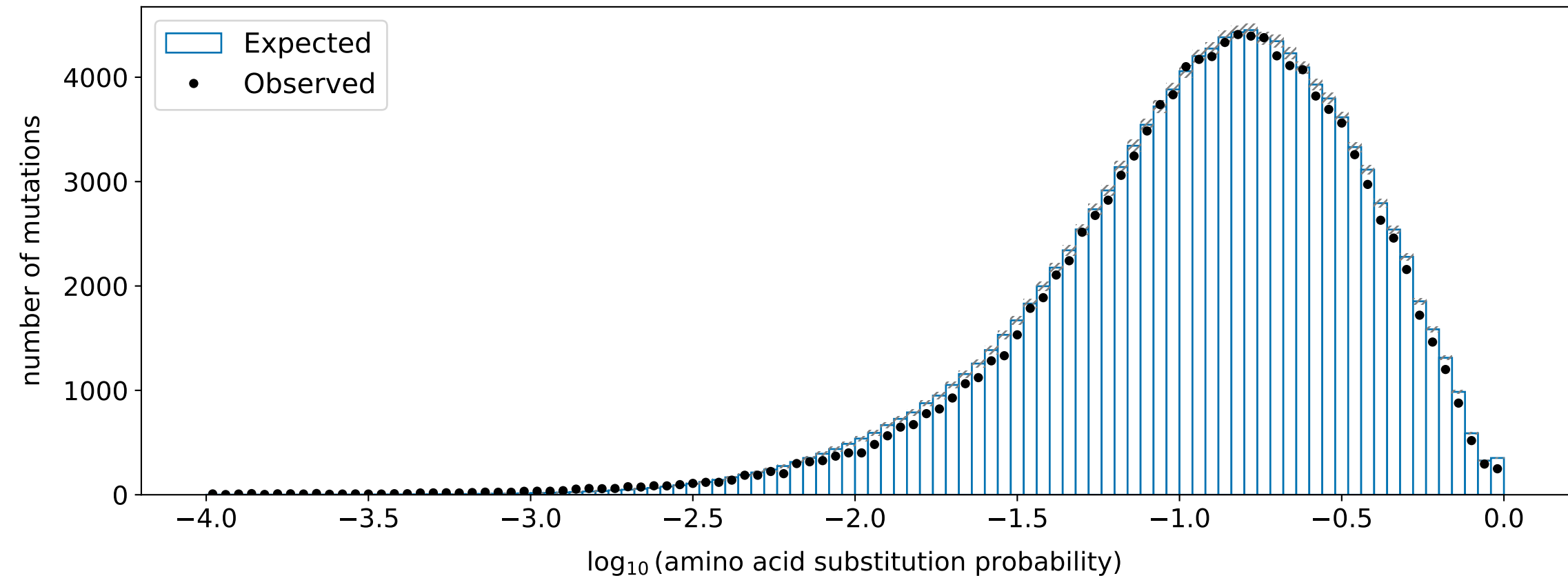dnsm_wig_13k-v1tang50k-joint on v1tang50k; overlap=0.966, residual=0.0096

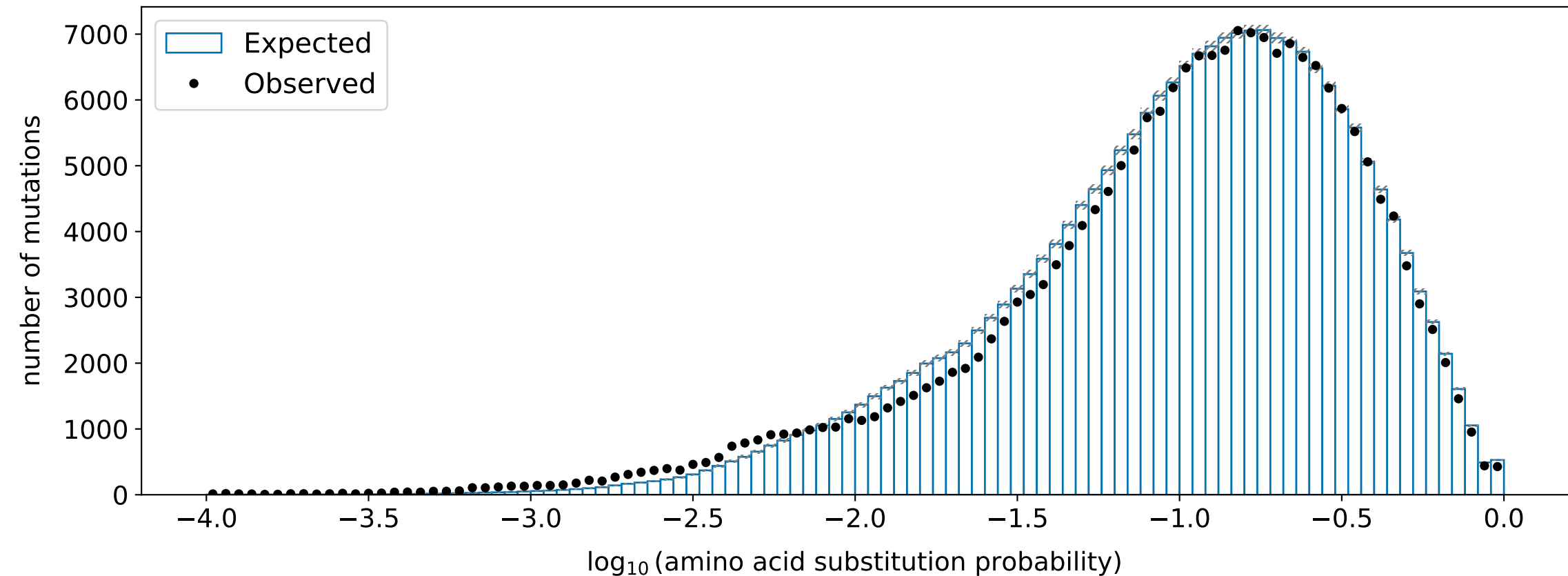dnsm_wig_13k-v1tang50k-joint on v1rodriguez; overlap=0.967, residual=0.00853

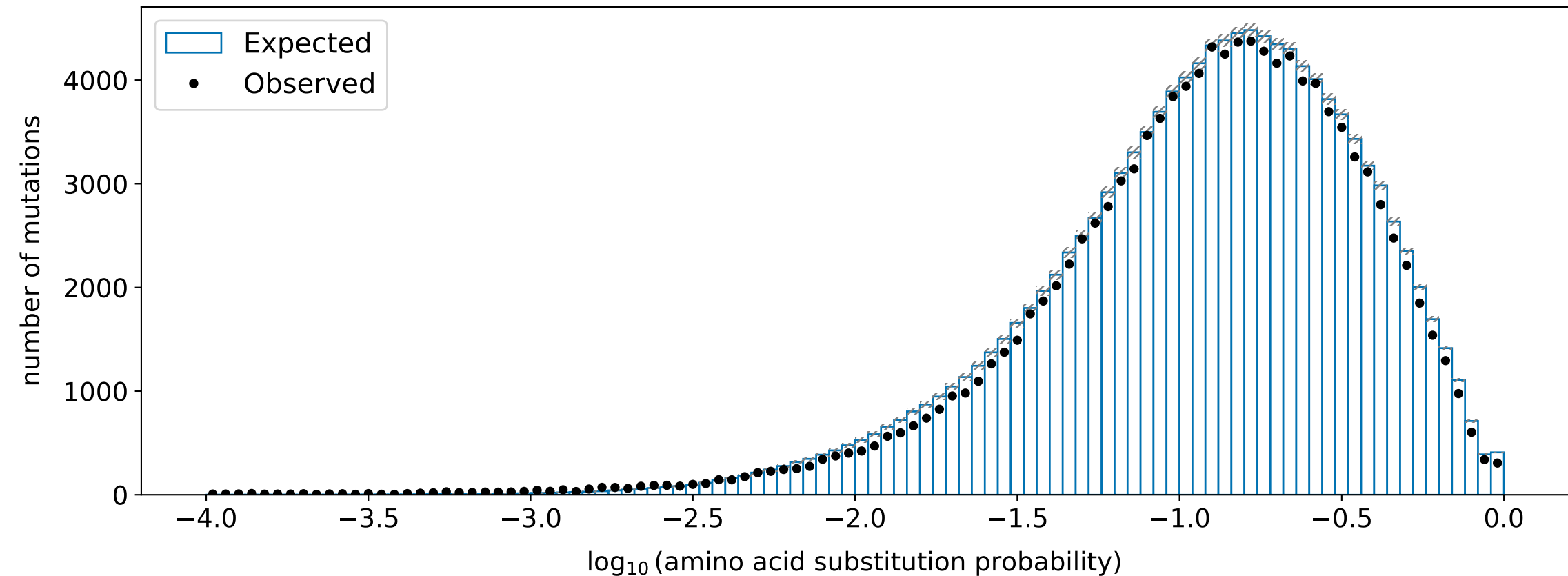dnsm_wig_13k-v1tang-joint on v1tang50k; overlap=0.974, residual=0.00684

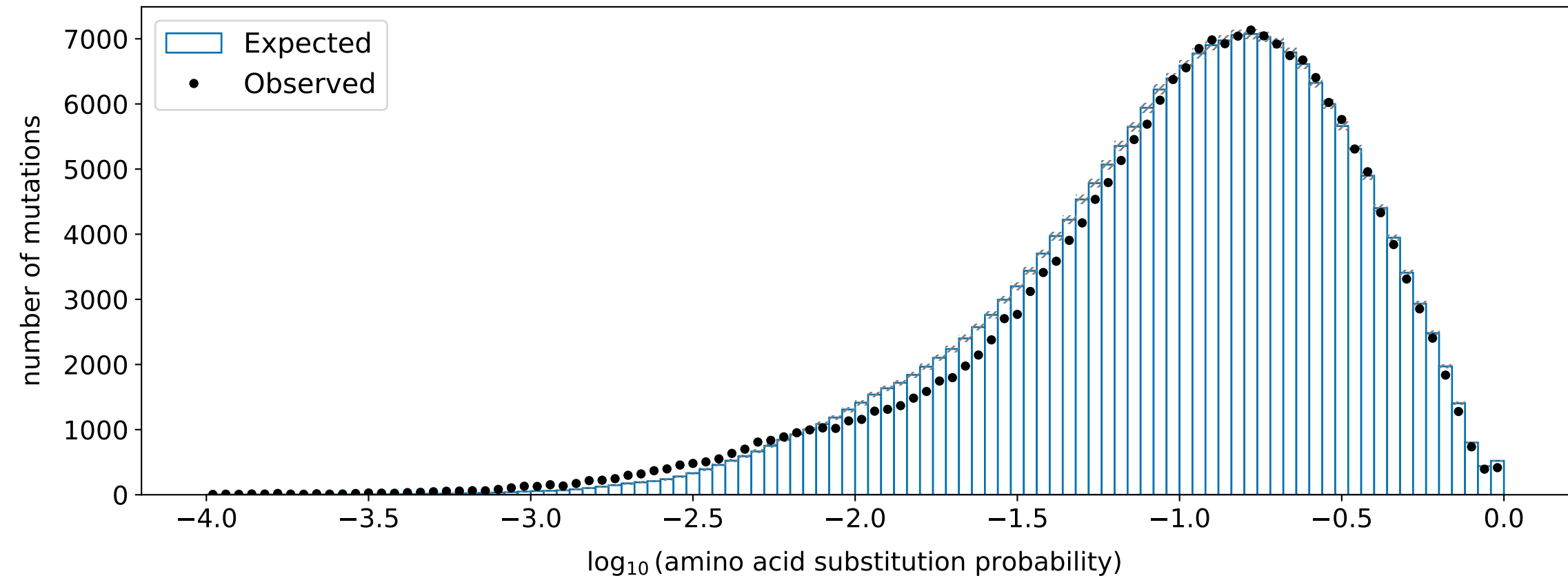dnsm_wig_13k-v1tang-joint on v1rodriguez; overlap=0.978, residual=0.00569

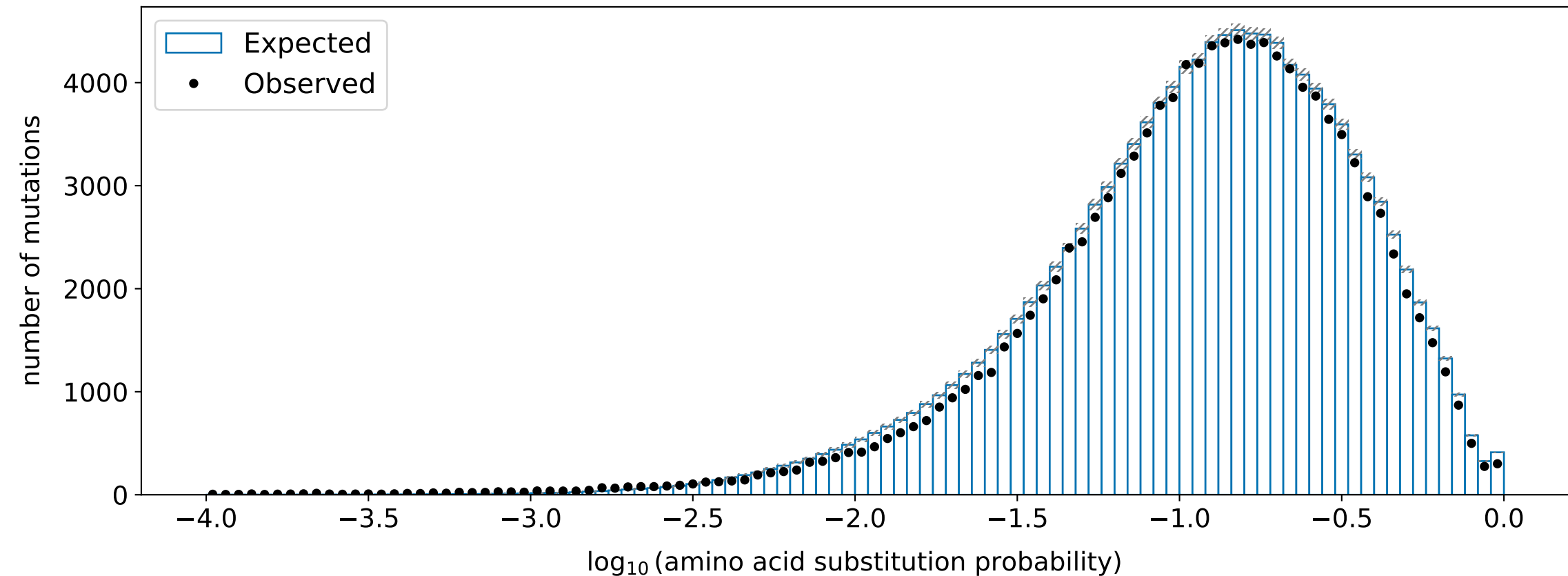dnsm_wig_13k-v1wyatt+v1tang-joint on v1tang50k; overlap=0.969, residual=0.00796

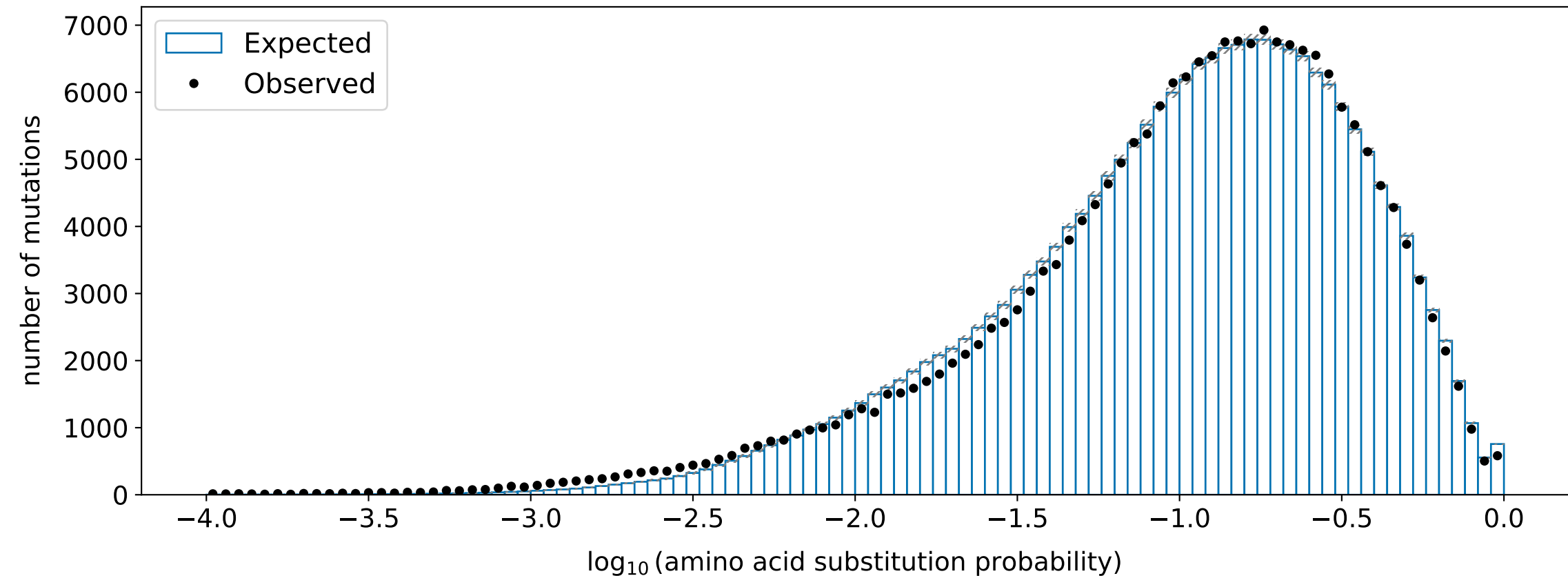dnsm_wig_13k-v1wyatt+v1tang-joint on v1rodriguez; overlap=0.975, residual=0.00664

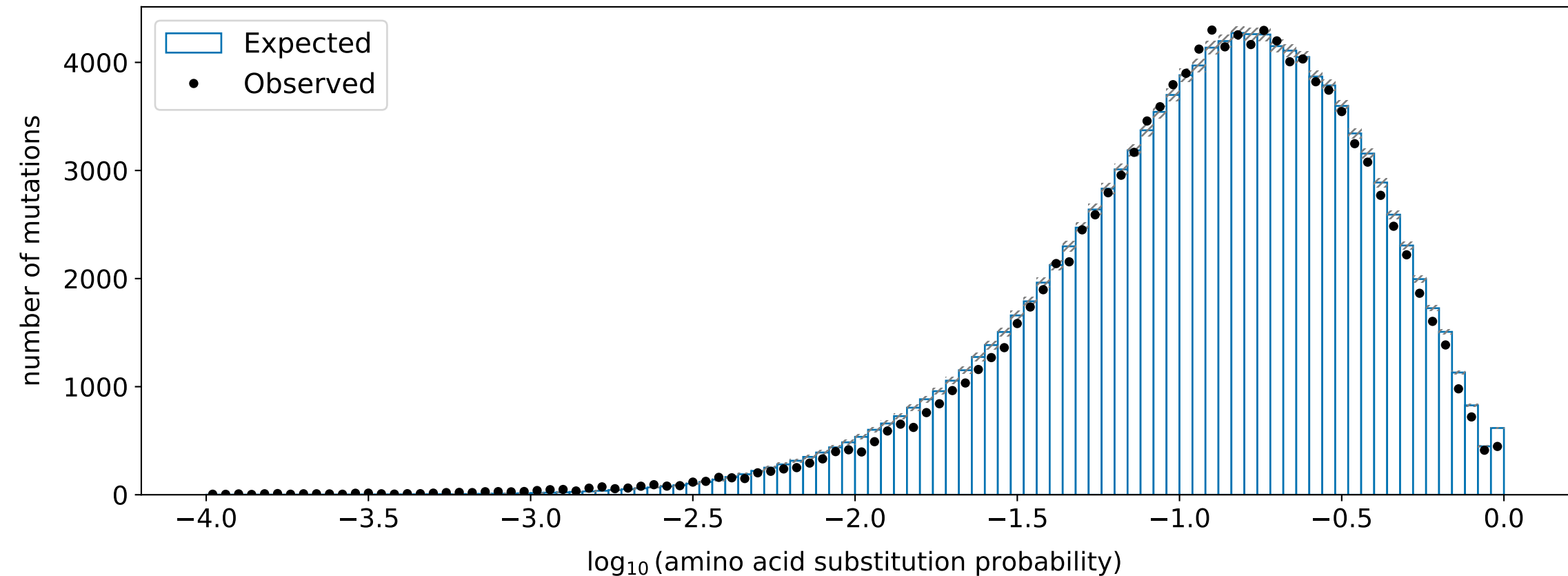**dnsm_wig_77k-v1tang50k-joint on v1tang50k; overlap=0.971, residual=0.00805**

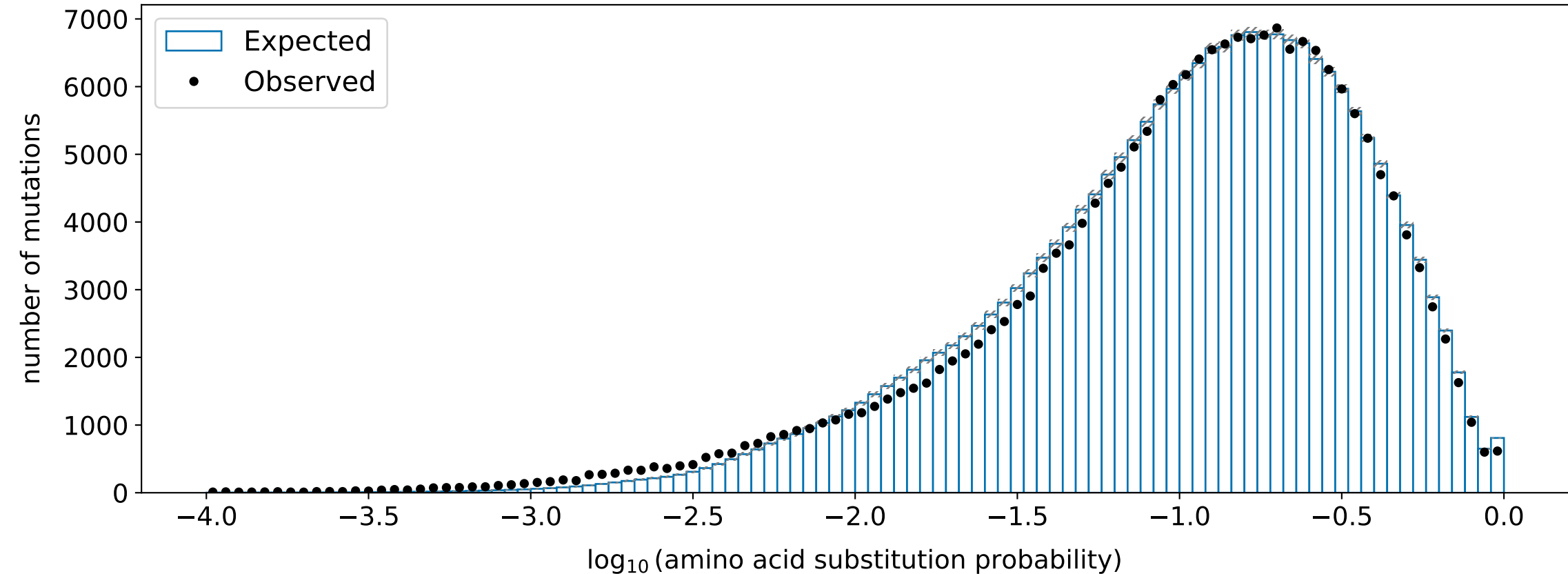dnsm_wig_77k-v1tang50k-joint on v1rodriguez; overlap=0.974, residual=0.00686

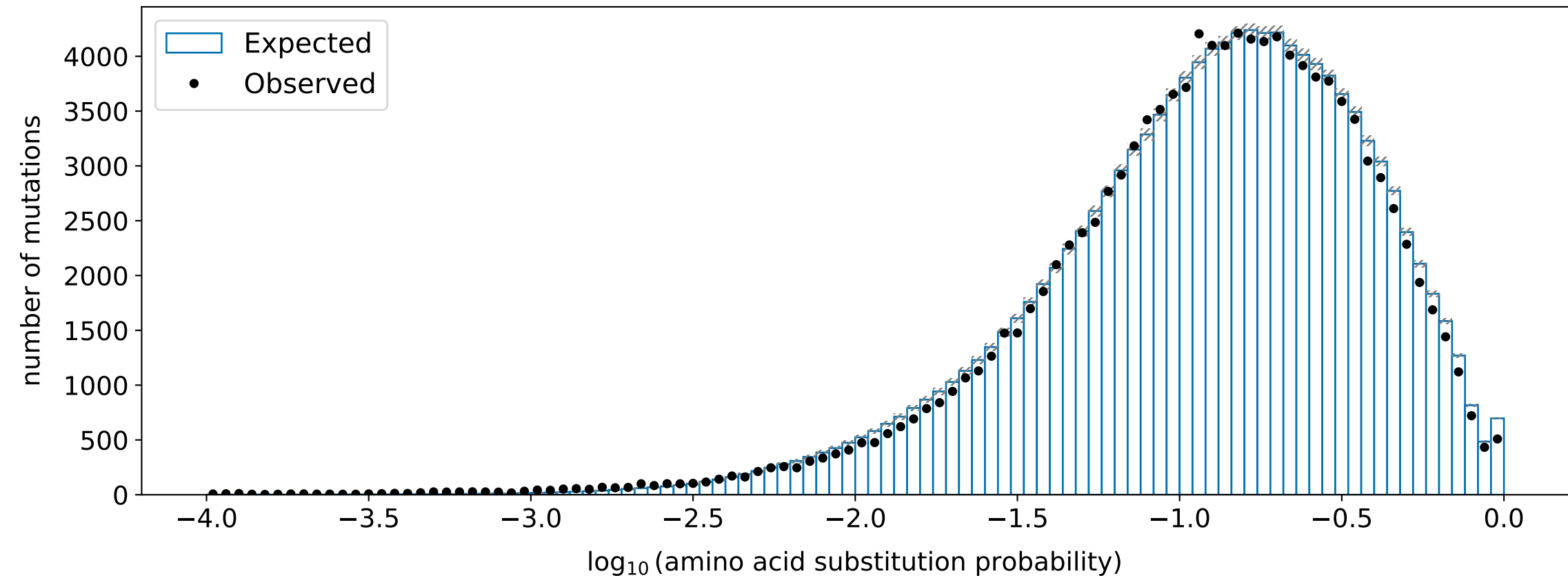dnsm_wig_77k-v1tang-joint on v1tang50k; overlap=0.978, residual=0.0057

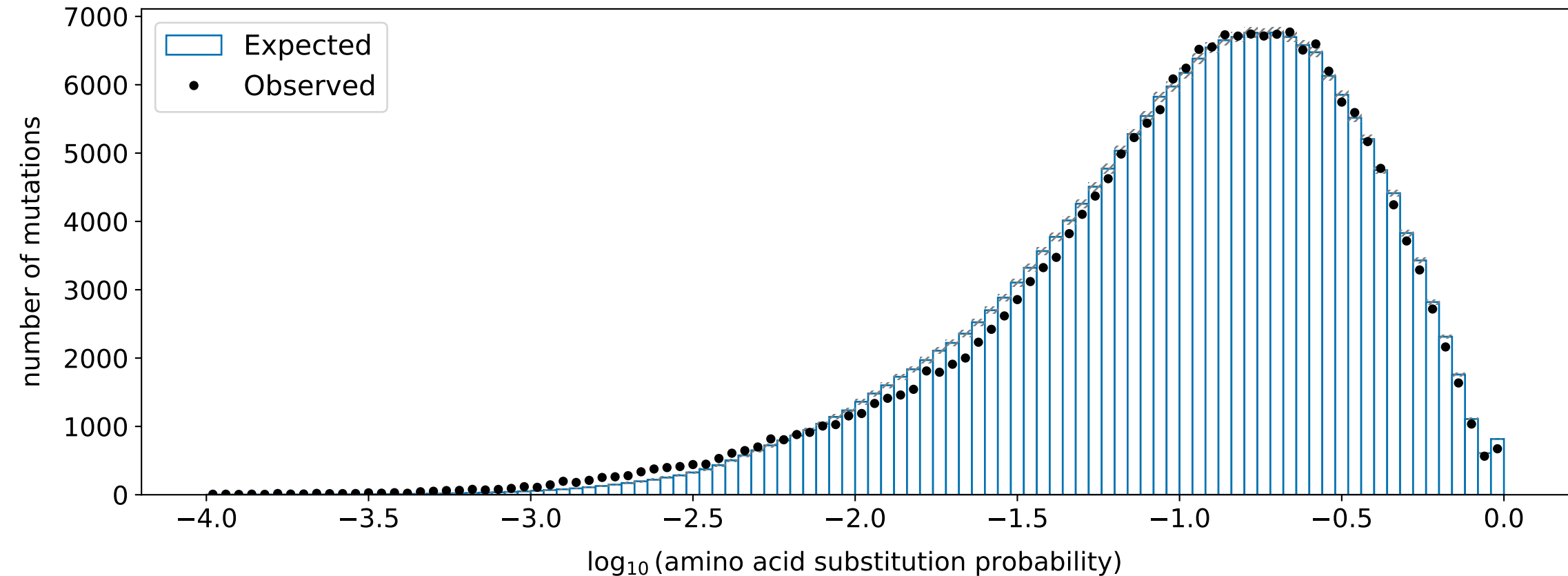dnsm_wig_77k-v1tang-joint on v1rodriguez; overlap=0.979, residual=0.00569

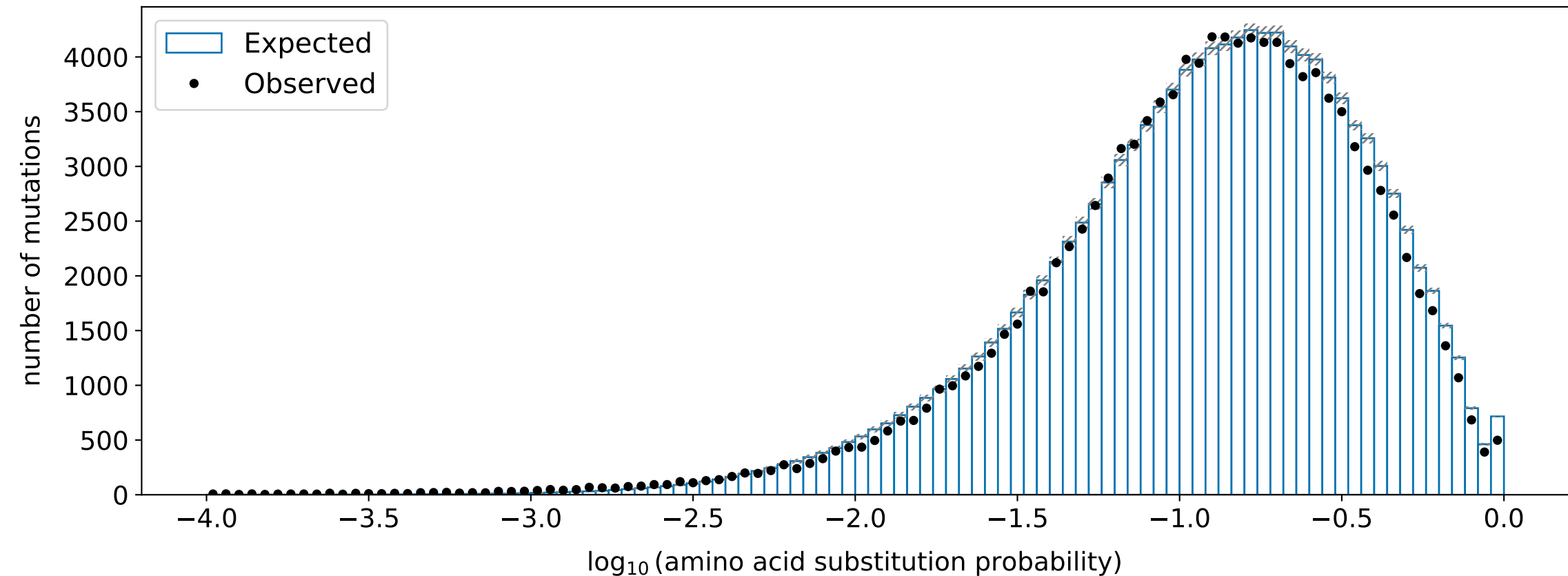dnsm_wig_77k-v1wyatt+v1tang-joint on v1tang50k; overlap=0.976, residual=0.00608

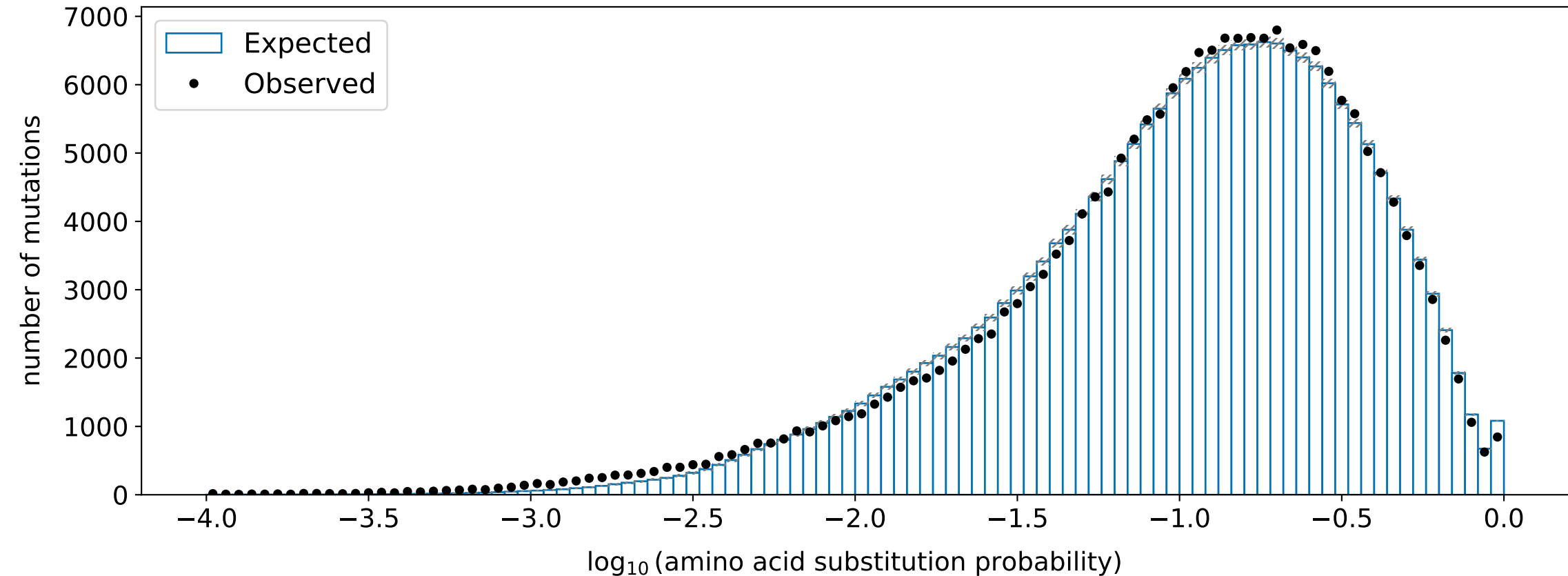dnsm_wig_77k-v1wyatt+v1tang-joint on v1rodriguez; overlap=0.979, residual=0.00589

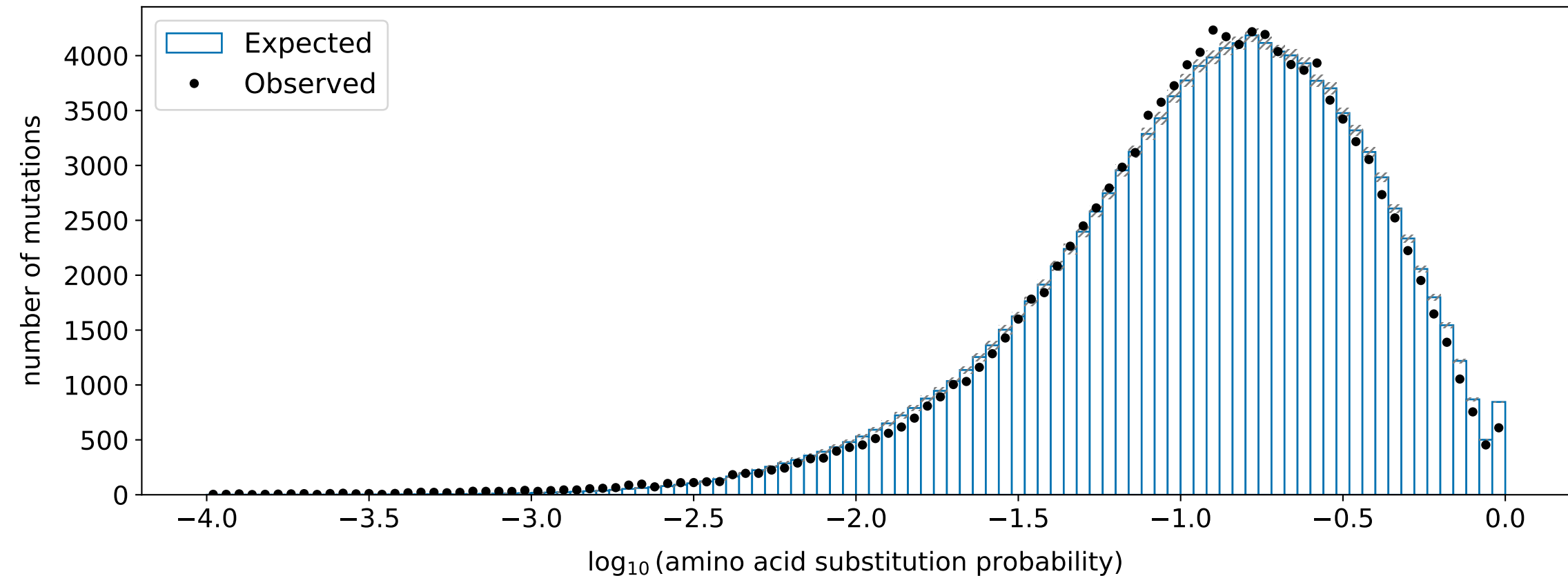dnsm_wig_1m-v1tang50k-joint on v1tang50k; overlap=0.977, residual=0.00607

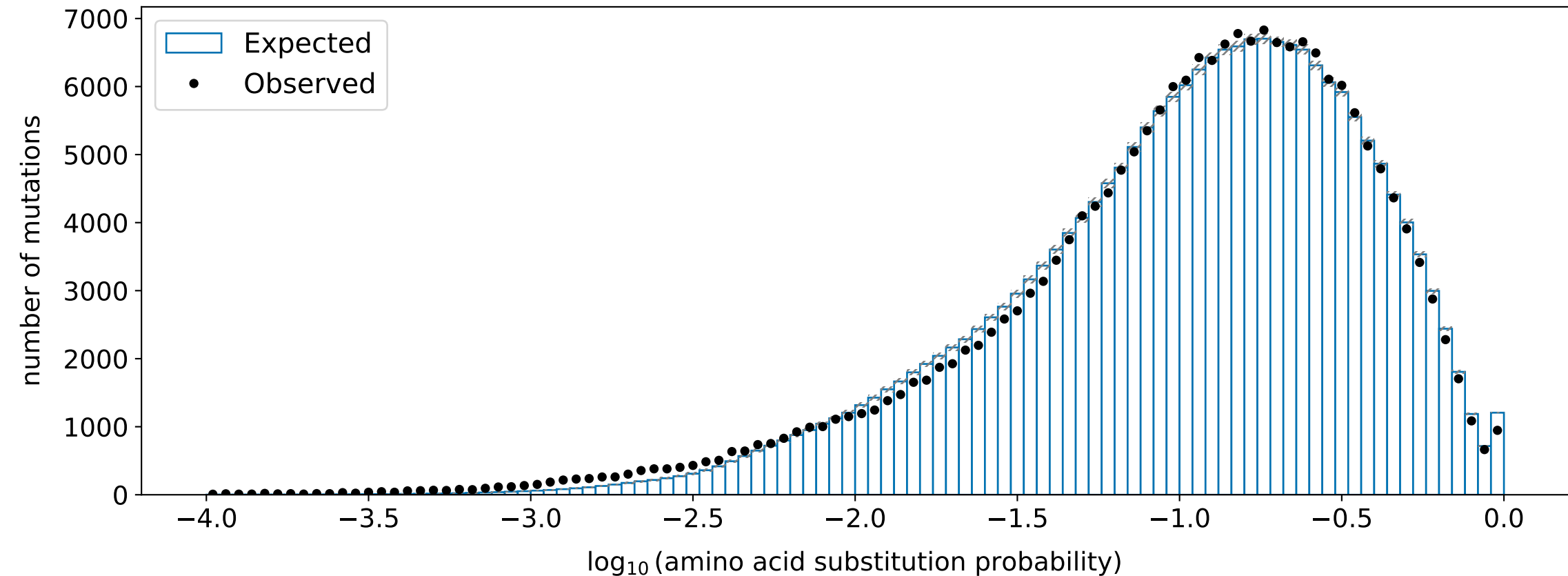dnsm_wig_1m-v1tang50k-joint on v1rodriguez; overlap=0.975, residual=0.00721

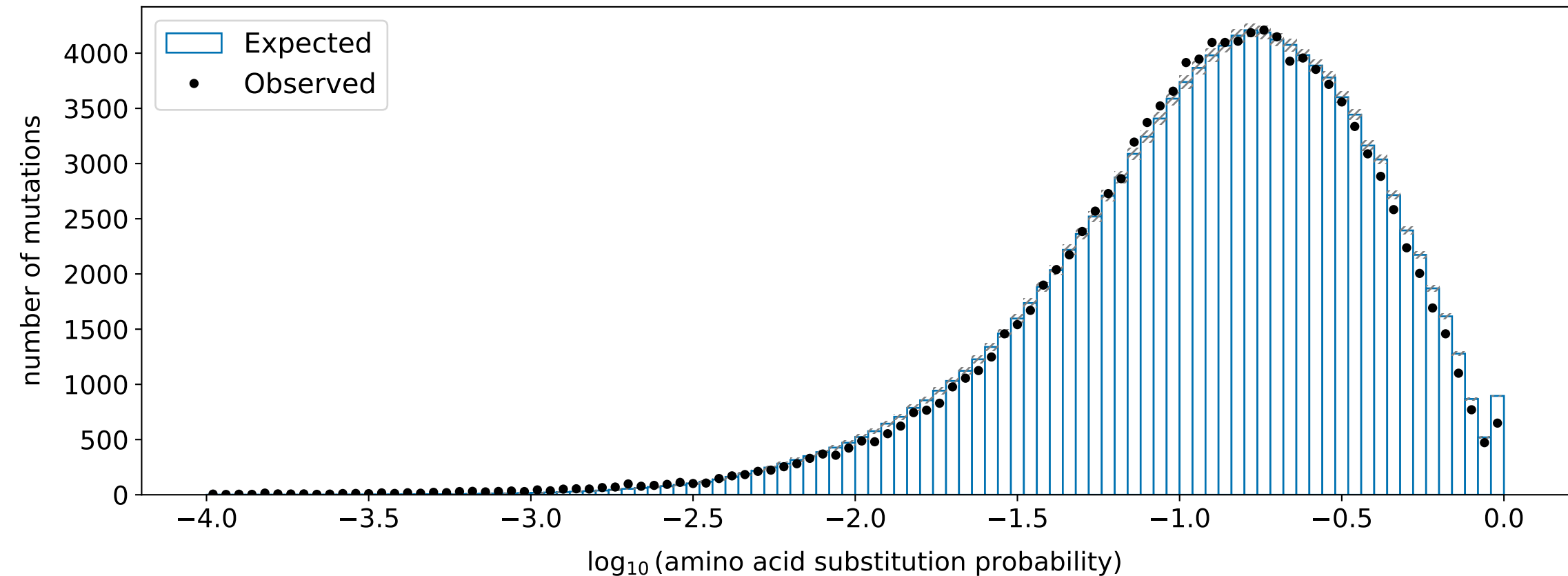dnsm_wig_1m-v1tang-joint on v1tang50k; overlap=0.978, residual=0.00531

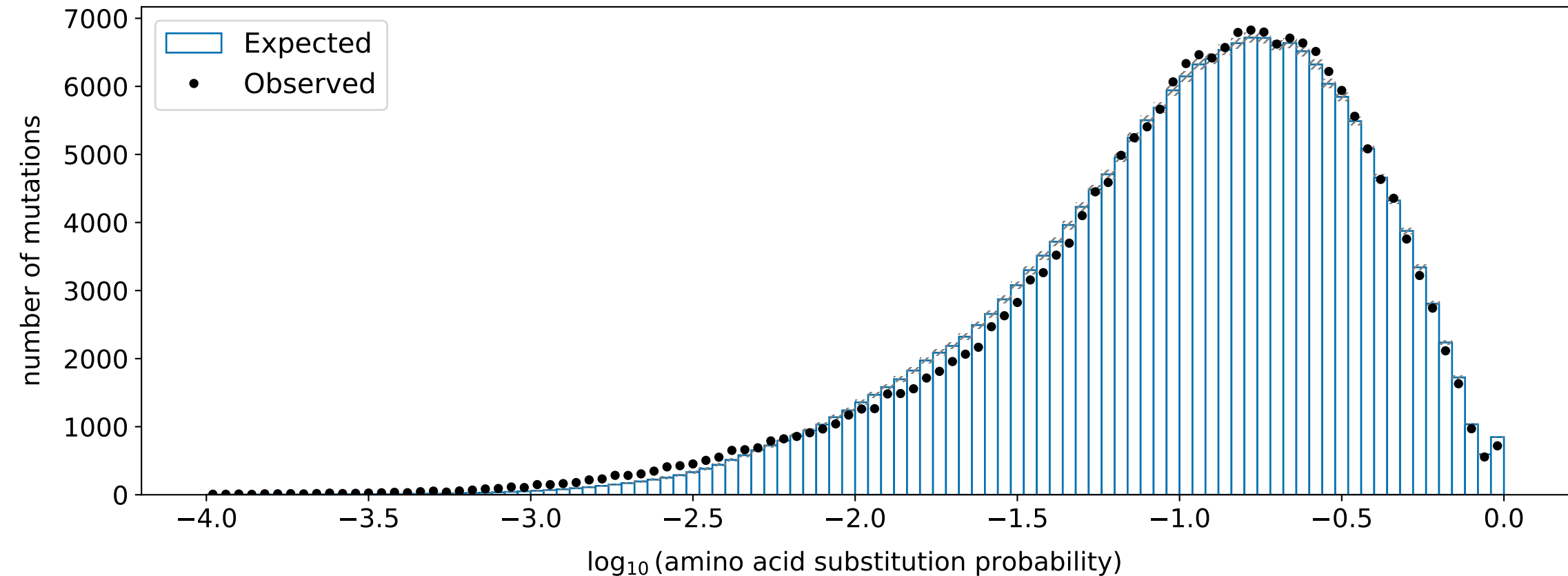dnsm_wig_1m-v1tang-joint on v1rodriguez; overlap=0.979, residual=0.00607

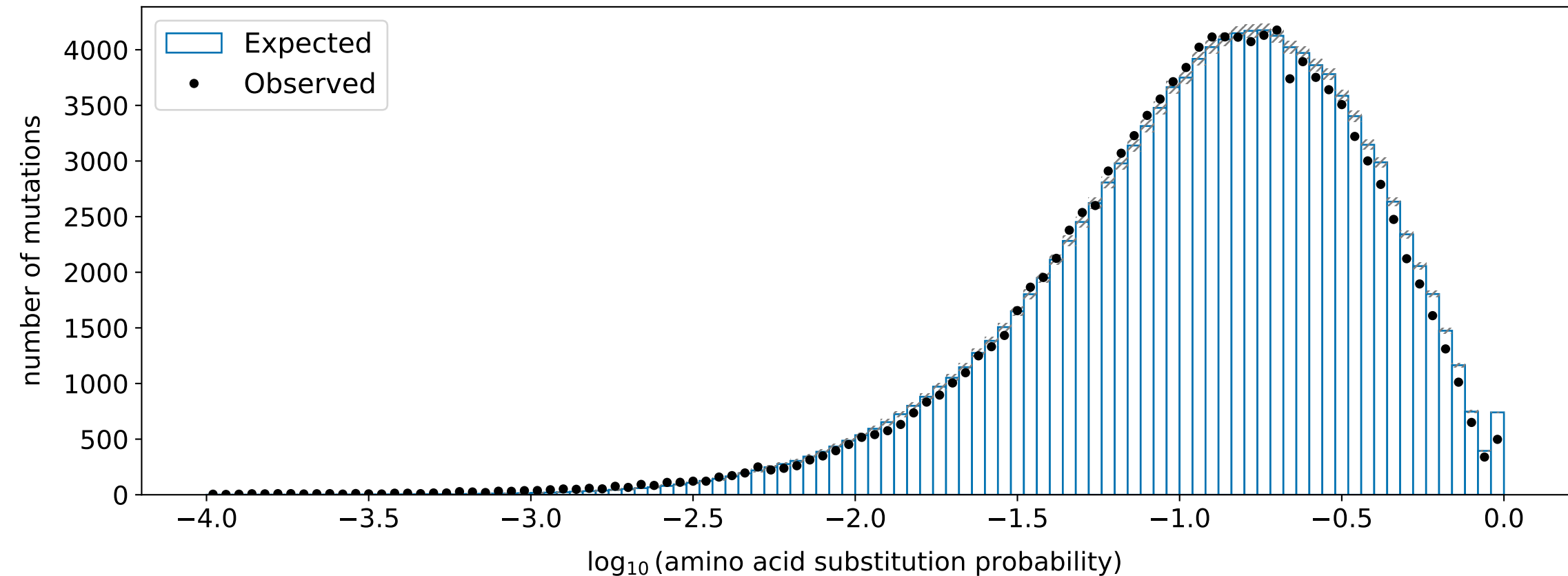dnsm_wig_1m-v1wyatt+v1tang-joint on v1tang50k; overlap=0.978, residual=0.00544

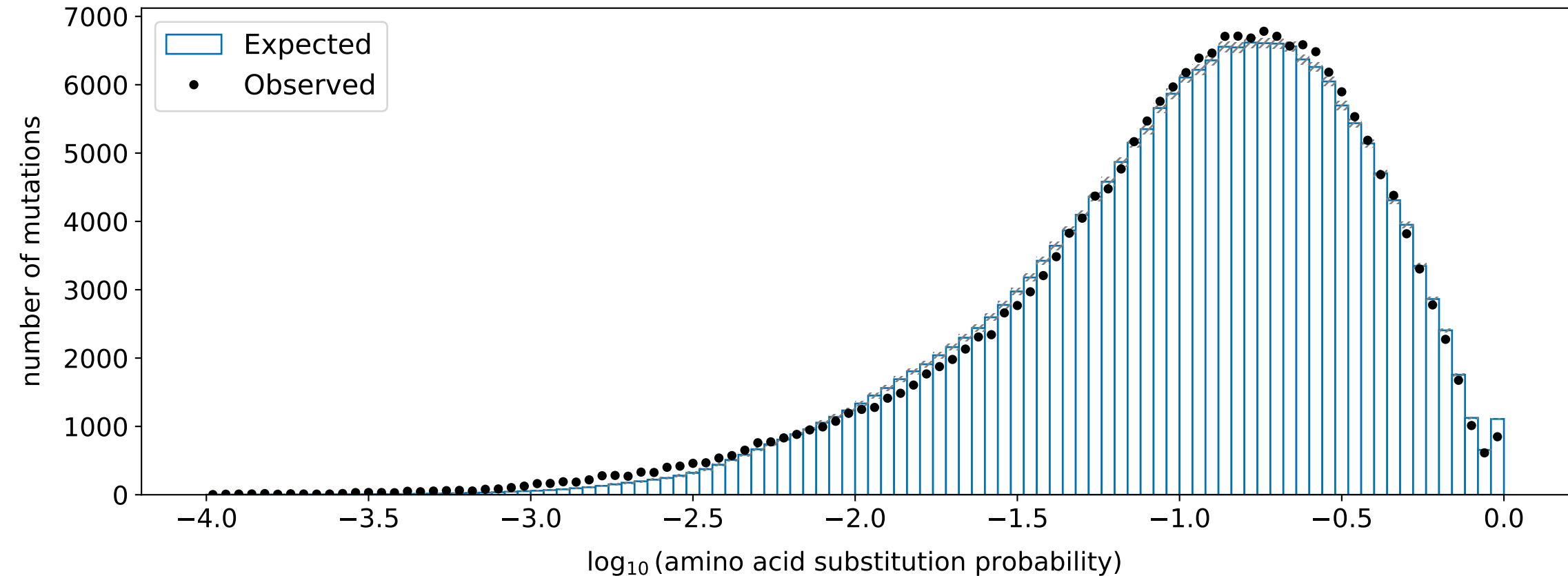dnsm_wig_1m-v1wyatt+v1tang-joint on v1rodriguez; overlap=0.98, residual=0.00576

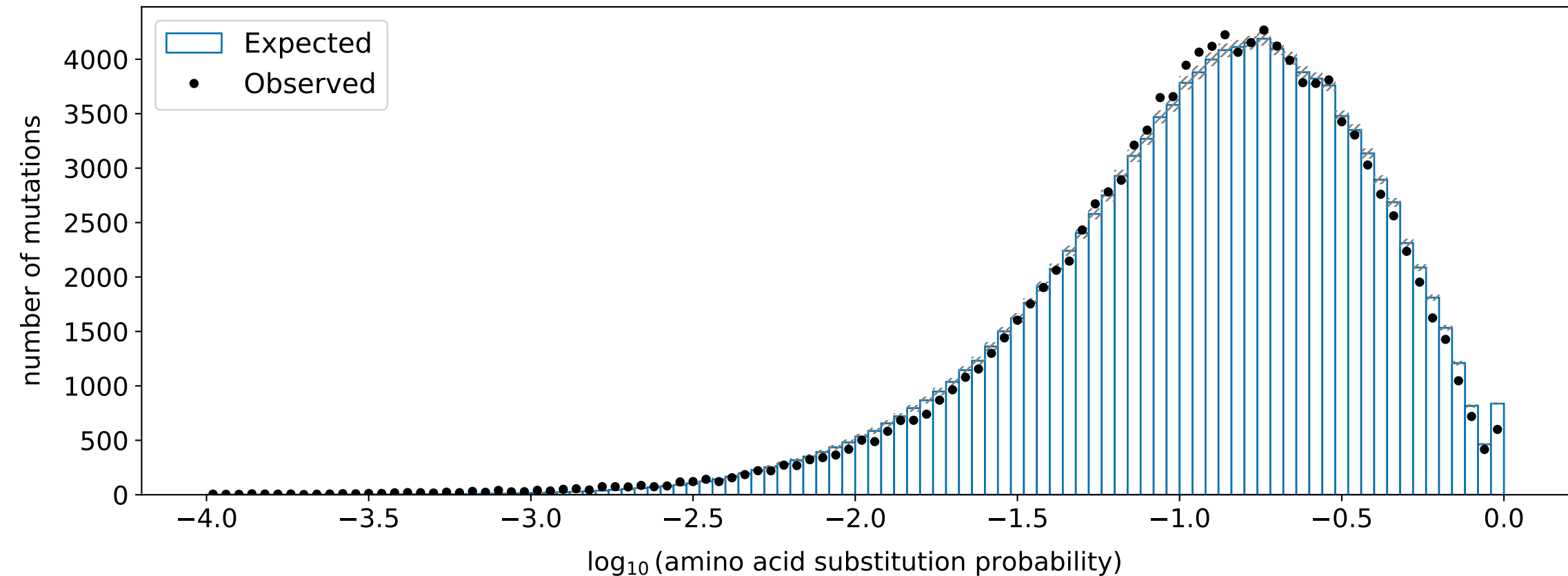dnsm_wig_4m-v1tang50k-joint on v1tang50k; overlap=0.978, residual=0.00574

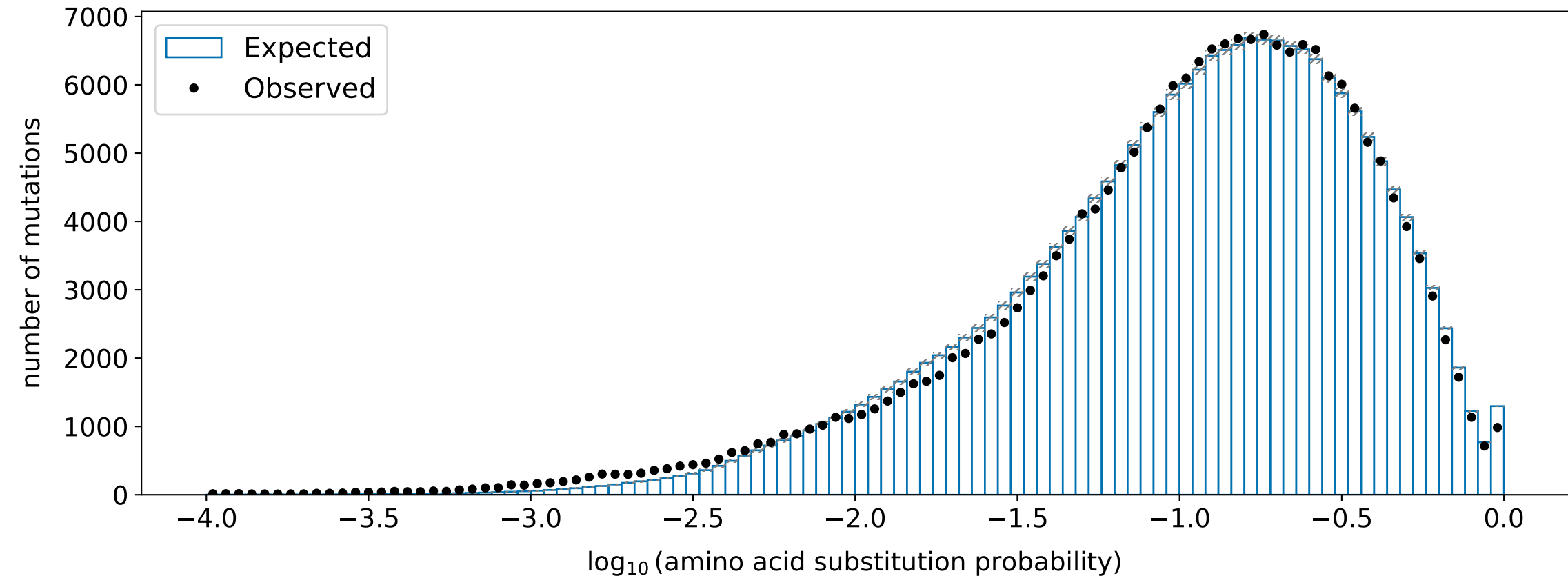dnsm_wig_4m-v1tang50k-joint on v1rodriguez; overlap=0.978, residual=0.00648

dnsm_wig_4m-v1tang-joint on v1tang50k; overlap=0.978, residual=0.00532

dnsm_wig_4m-v1tang-joint on v1rodriguez; overlap=0.979, residual=0.00579

dnsm_wig_4m-v1wyatt+v1tang-joint on v1tang50k; overlap=0.977, residual=0.00558

dnsm_wig_4m-v1wyatt+v1tang-joint on v1rodriguez; overlap=0.979, residual=0.00607