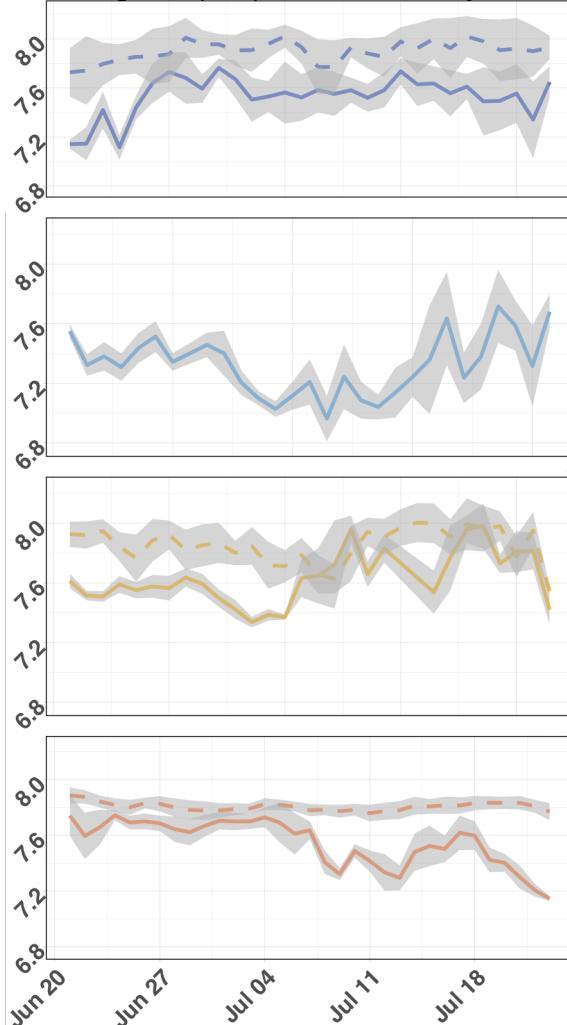


Daily mean pH differed between eelgrass (dotted) & unvegetated (solid) across estuarine bays



### Washington State

- Fidalgo Bay
- Port Gamble Bay
- Case Inlet
- Willapa Bay

Juvenile geoduck deployed for 30 days, gill protein abundance compared between habitats and bays using proteomics targeted at oxidative stress response



124.5°W 124°W 123.5°W

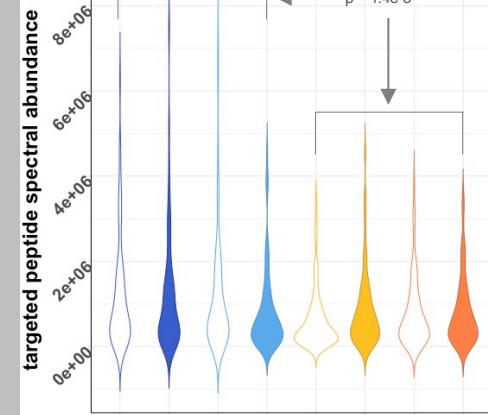


### 2-Stage Proteomics Approach

**Peptide Discovery**  
Data Independent Acquisition

**Targeted Quantification**  
Selected Reaction Monitoring

Protein and growth differed between bays (colors) but not between habitats (unvegetated = white, eelgrass = filled)



Growth (mm) relative to initial group length

