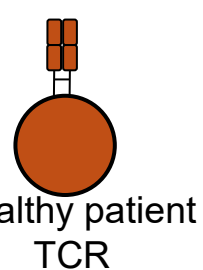
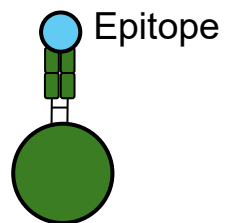
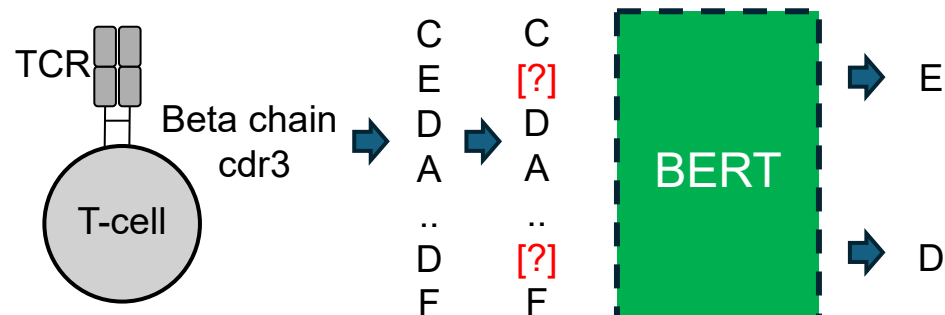
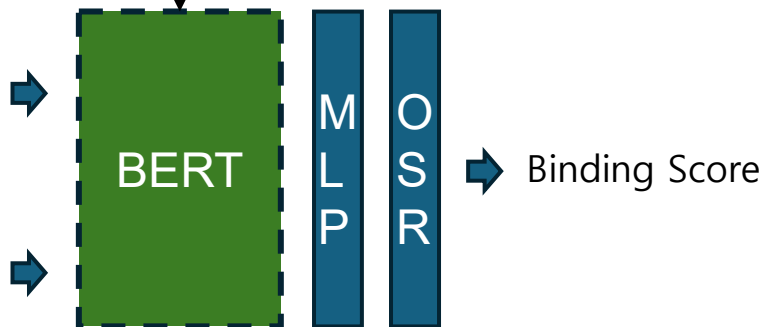


Step 1. Pre-training

Contextual learning in TCR cdr3



Learning relationship with Epitope and TCR



Step 2. Sample Classification

