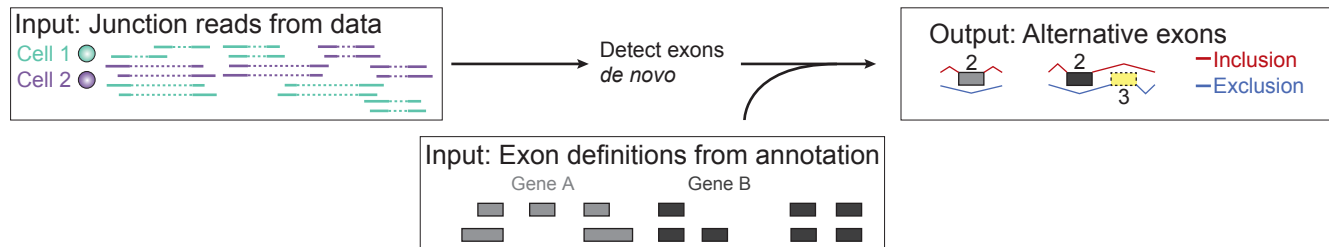
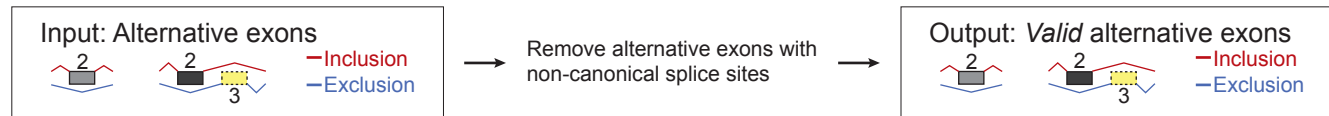


1. outrigger index



2. outrigger validate (optional)



3. outrigger psi

