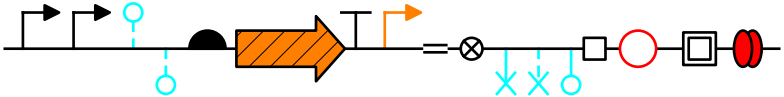Design 1: AND

Design 2: AND