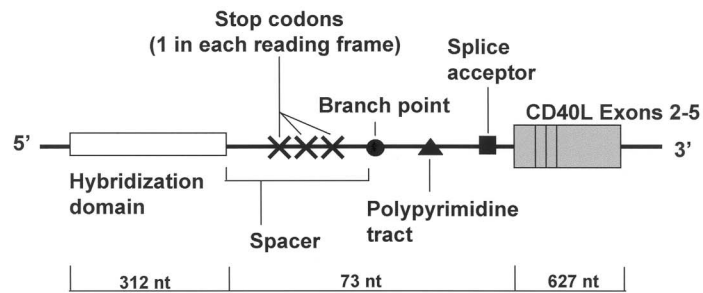
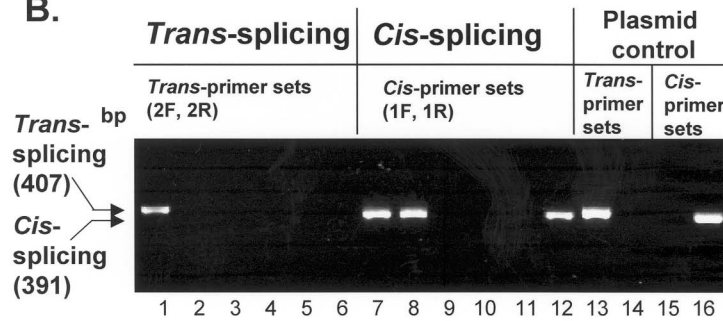


A.



B.



Lanes 1 and 7: *Trans*-splicer hybridization domain d + Target
 Lanes 2 and 8: Target
 Lanes 3 and 9: *Trans*-splicer hybridization domain d
 Lanes 4 and 10: *Trans*-splicer hybridization domain d + Target without RT
 Lanes 5 and 11: pNull
 Lanes 6 and 12: *Trans*-splicer without hybridization domain+ Target
 Lanes 13 and 15: pCD40L
 Lanes 14 and 16: pCD40L mutant

Supplementary Figure 1. Schematic illustration of *trans*-splicer plasmid and demonstration of correction of mutated CD40L by *trans*-splicing *in vitro*. **a.** Hybridization domain is complementary to the target pre-mRNA. **b.** Specificity of *trans*-splicing was evaluated by transfecting HeLa cells with several expression plasmids.