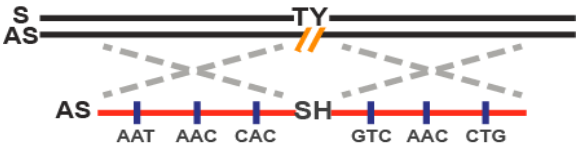
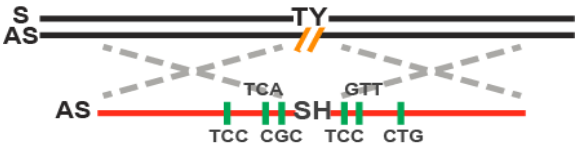
S3. Conversion tracts of nick-induced HDR using S sgRNA* and AS ODNs





AAT	AAC	CAC	TCTCAT	GTC	AAC	CTG
-	-	+	+	-	-	-
-	-	+	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	+	+	+	-	-
-	-	+	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	+	+	+	-	-
-	-	+	+	+	-	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	+	+	+
-	-	-	+	+	-	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	+	-	-
-	-	-	+	+	-	-
-	-	+	+	+	-	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	+	-	-
-	-	-	+	+	+	-
-	-	-	+	-	-	-
-	-	-	+	+	-	-
-	-	-	+	-	-	-
-	-	-	+	+	+	-
-	-	-	+	+	+	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	+	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	+	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	+	+	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
0	0	9	44	14	5	1
0.00%	0.00%	20.45%	100.00%	31.82%	11.36%	2.27%

TCC	TCA	CGC	TCTCAT	TCC	GTT	CTG
-	+	+	+	-	-	-
-	+	-	+	+	+	+
-	-	-	+	+	+	+
-	-	+	+	+	-	-
-	+	+	+	+	+	-
-	-	+	+	-	-	-
-	-	+	+	+	+	+
-	+	+	+	+	+	-
-	-	+	+	-	-	-
-	-	-	+	+	+	-
+	+	+	+	+	+	-
-	-	+	+	-	-	-
-	-	+	+	-	-	-
+	+	+	+	+	+	-
-	+	+	+	+	-	-
-	-	+	+	+	+	+
-	+	+	+	+	+	+
-	-	+	+	-	-	-
-	+	+	+	+	+	-
-	-	+	+	+	+	+
-	-	+	+	-	-	-
-	+	+	+	-	-	-
-	-	+	+	+	+	+
-	+	+	+	+	-	-
-	-	+	+	+	-	-
-	-	+	+	+	-	-
-	+	+	+	+	-	-
-	-	+	+	-	-	-
-	+	+	+	-	-	-
+	+	+	+	+	+	-
3	14	27	30	20	14	7
10.00%	46.67%	90.00%	100.00%	66.67%	46.67%	23.33%

Supplemental Table S3. Individual conversion tracts of single nick (S sgRNAs) -induced PGE using AS ODN donors. All symbols and abbreviations are defined in the Legend to Supplemental Table S1.