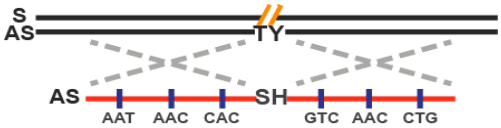
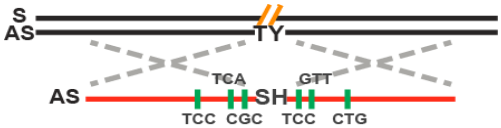
S2. Conversion tracts of nick-induced HDR using AS sgRNA* and AS ODNs





AAT	AAC	CAC	TCTCAT	GTC	AAC	CTG
-	-	-	+	-	-	-
-	-	-	+	+	-	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	+	-	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	+	-	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	+	-	-
-	-	-	+	+	+	-
-	-	-	+	-	-	-
-	-	-	+	+	-	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	+	+	+
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	+	-	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	+	+	+
-	-	-	+	-	-	-
-	-	-	+	+	+	-
-	-	-	+	-	-	-
-	-	-	+	+	+	-
-	-	-	+	-	-	-
-	-	-	+	+	-	-
-	-	-	+	-	-	+
-	-	-	+	-	-	-
-	-	-	+	+	+	+
-	-	-	+	+	+	-
-	-	-	+	+	+	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	+	+	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	+	-	-
-	-	-	+	+	-	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	+	+	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	-	+	+	-	-
-	-	-	+	+	-	-
-	-	-	+	+	-	-
-	-	-	+	-	-	-
-	-	-	+	-	-	-
-	-	+	+	+	-	-
-	-	-	+	-	-	-
-	-	-	+	+	-	-
-	-	-	+	+	-	-
-	-	-	+	+	-	-
0	0	1	67	26	10	4
0.00%	0.00%	1.49%	100.00%	38.81%	14.93%	5.97%

TCC	TCA	CGC	TCTCAT	TCC	GTT	CTG
-	+	+	+	-	-	-
-	-	+	+	+	+	-
-	-	+	+	+	+	-
-	-	-	+	-	-	-
-	-	+	+	+	+	-
-	-	+	+	+	+	+
-	-	+	+	+	-	-
-	-	+	+	-	-	-
-	+	+	+	+	+	+
-	-	+	+	+	+	-
-	-	+	+	+	-	-
-	+	+	+	+	+	-
-	-	+	+	+	+	+
-	+	+	+	+	+	+
-	-	+	+	+	-	-
-	-	+	+	+	+	+
-	-	+	+	+	+	+
-	-	+	+	-	-	-
-	-	+	+	-	-	-
-	-	+	+	+	+	+
-	+	+	+	+	-	-
-	-	+	+	+	-	-
+	+	+	+	+	+	-
-	-	+	+	-	-	-
-	+	+	+	+	+	+
-	-	+	+	-	-	-
-	-	+	+	-	-	-
-	-	+	+	+	+	+
-	-	+	+	+	-	-
-	-	+	+	+	+	-
-	-	+	+	+	+	-
-	-	+	+	+	+	+
-	-	+	+	-	-	-
1	7	32	33	24	18	10
3.03%	21.21%	96.97%	100.00%	72.73%	54.55%	30.30%

Supplemental Table S2. Individual conversion tracts of single nick (AS sgRNAs) -induced PGE using AS ODN donors. All symbols and abbreviations are defined in the Legend to Supplemental Table S1.