

Supplemental Fig. 3

	WT	A02/-B35/-D/- #51
(1) Total No. of SNVs	4322323	4266359
(2) Unique SNVs after filtering out overlapped by WT		111149
(3) Unique SNVs excluding known SNVs in (2)		19616
(4) Unique Indels excluding SNPs in (3)		13423
Overlapped indels in (4) with potential off-target positions		
Cas-Offinder candidates of		A03
maximum 7nt mismatches with NRG PAM (662829 sites)		0
maximum 5nt mismatches and up to 2nt DNA bulges with NRG PAM (686920 sites)		0
maximum 5nt mismatches and up to 2nt RNA bulges with NRG PAM (2722426 sites)		0
Cas-Offinder candidates of		B44
maximum 7nt mismatches with NRG PAM (673761 sites)		0
maximum 5nt mismatches and up to 2nt DNA bulges with NRG PAM (806688 sites)		0
maximum 5nt mismatches and up to 2nt RNA bulges with NRG PAM (2936919 sites)		0
Cas-Offinder candidates of		DRB1
maximum 7nt mismatches with NRG PAM (520860 sites)		0
maximum 5nt mismatches and up to 2nt DNA bulges with NRG PAM (517998 sites)		0
maximum 5nt mismatches and up to 2nt RNA bulges with NRG PAM (3306836 sites)		0