

	Type-1	Type-2	Type-3 (lepton-specific)	Type-4 (flipped)
Up-type quarks	$\cot \beta$	$\cot \beta$	$\cot \beta$	$\cot \beta$
Down-type quarks	$-\cot \beta$	$\tan \beta$	$-\cot \beta$	$\tan \beta$
Charged leptons	$-\cot \beta$	$\tan \beta$	$\tan \beta$	$-\cot \beta$