

equiv_rel_subtyping^{12,41}

$\forall T:\text{Type}, R:(T \rightarrow T \rightarrow \text{Type}), Q:(T \rightarrow \mathbb{P}).$

$\text{EquivRel}(T; x, y. R(x, y)) \Rightarrow \text{EquivRel}(\{z:T \mid Q(z)\} ; x, y. R(x, y))$

ProofTree