equiv_rel_functionality_wrt_iff[12,41]

$\forall T,\ T'$:Type, E:($T \to T \to \mathbb{P}$), E':($T' \to T' \to \mathbb{P}$).
($T = T'$)
$\Rightarrow$ ($\forall x,\ y$:T. $E(x,y) \iff E'(x,y)$)
$\Rightarrow$ (EquivRel(T;x,y.$E(x,y)$) $\iff$ EquivRel(T';x,y.$E'(x,y)$))

ProofTree

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http://www.nuprl.org/FDLcontent/p0_942988_/p15_4329_{equiv_rel_functionality_wrt_iff}.html