l_all2_cons[4,23]

$\forall T$:Type, L:T List, P:($T \rightarrow T \rightarrow$Prop), u:T.
$(\forall x<y \in u.L.P(x,y)) \Leftrightarrow (\forall y \in L.\ P(u,y))\ \&\ (\forall x<y \in L.P(x,y))$

http://www.nuprl.org/FDLcontent/p0_802137_/p84_124163_{l_all2_cons}.html