

pairwise-cons^{11,40}

$\forall T:\text{Type}\{i\}, x:T, L:(T \text{ List}), P:(T \rightarrow T \rightarrow \text{prop}\{i:l\}).$

$\text{pairwise}(x,y.P(x,y); \text{cons}(x; L)) \iff (\text{pairwise}(x,y.P(x,y); L) \wedge \text{l_all}(L; T; y.P(x,y)))$