

L.all_reduce^{11,40}

$\forall T:\text{Type}, L:(T \text{ List}), P:(T \rightarrow \mathbb{B}).$

$L.all(L; T; x.(\uparrow P(x))) \iff (\uparrow reduce((\lambda x,y. \text{band}(P(x); y)); tt; L))$