

cons_member!^{11,40}

$\forall T:\text{Type}, l:(T \text{ List}), a,x:T.$

$\text{l_member!}(x; \text{cons}(a; l); T)$

$\iff ((x = a) \wedge \neg(x \in l)) \vee (\text{l_member!}(x; l; T) \wedge \neg(x = a))$