

sorted-by-cons^{11,40}

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

$\text{sorted-by}(R;[x / L]) \iff (\text{sorted-by}(R;L) \ \& \ (\forall z \in L. R(x,z)))$