

## **l\_before\_append\_front**<sup>11,40</sup>

$\forall T:\text{Type}, L_1, L_2:(T \text{ List}), x, y:T.$

$(\neg(y \in L_2)) \Rightarrow \text{l\_before}(x; y; \text{append}(L_1; L_2); T) \Rightarrow \text{l\_before}(x; y; L_1; T)$