

**select\_cons\_tl**<sup>11,40</sup>

$\forall T:\text{Type}, a:T, as:(T \text{ List}), i:\mathbb{Z}.$

$(0 < i) \Rightarrow (i \leq \|as\|) \Rightarrow (\text{cons}(a; as)[i] = as[(i - 1)] \in T)$