

list_extensionality^{11,40}

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

$(\|a\| = \|b\| \in \mathbb{Z}) \Rightarrow (\forall i:\mathbb{N}. (i < \|a\|) \Rightarrow (a[i] = b[i] \in T)) \Rightarrow (a = b)$

ProofTree