

## **decidable\_l\_exists**<sup>11,40</sup>

$\forall A:\text{Type}, F:(A \rightarrow \text{prop}\{i:l\}), L:(A \text{ List}).$

$(\forall k:A. \text{decidable}(F(k))) \Rightarrow \text{decidable}(\text{l\_exists}(L; A; k.F(k)))$