

**generic-non-empty**<sup>11,40</sup>

$\forall T:\text{Type}\{i\}, S:(\mathbb{N} \rightarrow T) \rightarrow \mathbb{P}\{i'\}. T \Rightarrow \text{generic}\{i:l\}(T; f.S(f)) \Rightarrow (\exists f:\mathbb{N} \rightarrow T. S(f))$