

alle-lt-iff^{11,40}

$\forall es:\mathbf{ES}, e':\mathbf{E}, P:(\{e:\mathbf{E} \mid \text{loc}(e) = \text{loc}(e') \in \text{Id}\} \rightarrow \mathbb{P}).$
 $(\forall e < e'. P(e)) \iff ((\neg(\uparrow \text{first}(e'))) \Rightarrow (P(\text{pred}(e')) \ \& \ (\forall e < \text{pred}(e'). P(e))))$