

decidable_es-r-immediate-pred^{11,40}

$\forall es:ES, R:(E \rightarrow E \rightarrow \mathbb{P}).$
 $(\forall e, e':E. \text{Dec}(R(e',e)))$
 $\Rightarrow R \Rightarrow \lambda x,y. (x < y)$
 $\Rightarrow (\forall e, e':E. \text{Dec}(\text{es-r-immediate-pred}(es;R;e';e)))$