Inference at $*$ 1 2
 of proof for Lemma fseg_select:

. . . . .wf. . . . . NILNIL

1. T : Type
2. l_1 : T List
3. l_2 : T List
4. L : T List
5. $l_2 = (L \mathbin{@} l_1)$
6. i : $\mathbb{N}$
7. $i < \|l_1\|$
8. z : T List
9. $z = (L \mathbin{@} l_1)$

$\vdash (l_1[i] = z[((\|z\| - \|l_1\|)+i)]) \in \mathbb{P}$

 by ((Auto)
 CollapseTHEN (((((if (first_bool T:b) then HypSubst' else RevHypSubst') (
  -1)(0))·)
 CollapseTHEN (((RWO "length_append" 0)
 CollapseTHEN (Auto'))·))·))·

  .

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http://www.nuprl.org/FDLcontent/p0_963683_/p28_1028593_{fseg_select}1_2.html