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

1. T : Type
2. l_1 : T List
3. l_2 : T List
4. $\|l_1\| \leq \|l_2\|$
5. $\forall i$:$\mathbb{N}$. $(i < \|l_1\|) \Rightarrow (l_1[i] = l_2[((\|l_2\| - \|l_1\|)+i)])$
6. i : $\mathbb{N}$
7. $i < \|l_1\|$

$\vdash l_1[i] = l_2[(i+(\|l_2\| - \|l_1\|))]$
by ((InstHyp [i] (-3))
CollapseTHEN (Auto·))·

1:

8. $l_1[i] = l_2[((\|l_2\| - \|l_1\|)+i)]$

$\vdash l_1[i] = l_2[(i+(\|l_2\| - \|l_1\|))]$

.