Inference at $*$ 1 1 1
of proof for Lemma nth_tl_is_fseg:

1. T : Type
2. L_1 : T List
3. L : T List
$\vdash L_1 = \text{nth_tl}(\|L\|;L \mathbin{@} L_1)$
by ((((ListInd 3)
CollapseTHEN (Reduce 0))·)
CollapseTHEN (Auto·))·

1:

4. u : T
5. v : T List
6. $L_1 = \text{nth_tl}(\|v\|;v \mathbin{@} L_1)$
$\vdash L_1 = \text{nth_tl}(\|v\|+1;[u \mathbin{/} (v \mathbin{@} L_1)])$
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