Inference at $*$
of proof for Lemma adjacent-sublist:

$\vdash \forall T$:Type, L_1, L_2:(T List). $L_1 \subseteq L_2 \Rightarrow (\forall x, y{:}T.$ adjacent(T;L_1;x;y) $\Rightarrow x$ before $y \in L_2$)

```
  by ((Auto·)
  CollapseTHEN (((((FLemma ‘l_before_sublist‘ [4])
  CollapseTHENA (Auto·))·
    )
  CollapseTHEN ((((((if ((-1) = 0) then BackThruSomeHyp else BHyp (-1) )·)

      CollapseTHEN (Auto·))·)
  CollapseTHEN (((BLemma ‘adjacent-before‘)
  CollapseTHEN (
    Auto·))·))·))·))·

    .
```

http://www.nuprl.org/FDLcontent/p0_963683_/p39_376548_{adjacent-sublist}.html