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

$\vdash \forall T$:Type, $L$:($T$ List), $x$, $y$:$T$. adjacent($T$;$L$;$x$;$y$) $\Rightarrow$ $x$ before $y \in L$
by ((RepUR"adjacent l_before sublist" 0)
CollapseTHEN (((MaAuto·)
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ExRepD·)
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1:

1. $T$ : Type
2. $L$ : $T$ List
3. $x$ : $T$
4. $y$ : $T$
5. $i$ : $\{0..(\|L\| - 1)^-\}$
6. $x = L[i]$
7. $y = L[(i+1)]$

$\vdash \exists f$:$\{0..2^-\}\rightarrow\{0..\|L\|^-\}$. (increasing($f$;2) & ($\forall j$:$\{0..2^-\}$. [$x$; $y$][$j$] = $L[(f(j))]$))

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