

## **list\_update**<sup>11,40</sup>

$l[i:=x] \equiv_{\text{def}} \text{mklist}(\|l\|; \lambda i. l[i][i:=x])$

*clarification:*

$l[i:=x] \equiv_{\text{def}} \text{mklist}(\|l\|; \text{update}(\lambda i, j. (i =_0 j); \lambda i. l[i]; i; x))$