Inference at $*$ 1 1 3
of proof for Lemma gen_hyp_tp:

. . . . .assertion. . . . . NILNIL

1. A : Type
2. e : A
3. H : A→Type
4. $H(e)$
5. $A \in$ Type
6. $e \in A$

$\vdash \forall x{:}A.\ (e = x) \in$ Type
by (\p.At (get_term_arg 'UA' p) (D 0) p)

1:

7. x : A

$\vdash (e = x) \in$ Type

2: . . . . .wf. . . . . NILNIL

$\vdash A \in$ Type

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_98517_{gen_hyp_tp}1_1_3.html