

Inference at \*  
of proof for Lemma comb\_for\_wellfounded\_wf:

$\vdash (\lambda A,r,z. \text{WellFnd}\{i\}(A;x,y.r(x,y))) \in A:\text{Type} \rightarrow (A \rightarrow A \rightarrow \mathbb{P}) \rightarrow (\downarrow \text{True}) \rightarrow \mathbb{P}'$   
by (ProveOpCombinatorTyping (Auto\_aux (first\_nat 1:n) ((first\_nat 1:n),(first\_nat 3:n)) (first\_tok :t) inil\_term)) 'wellfounded\_wf'

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