

## **fpf-vals-nil**<sup>11,40</sup>

$\forall A:\text{Type}, eq:\text{EqDecider}(A), B:(A \rightarrow \text{Type}), P:(A \rightarrow \mathbb{B}), f:x:A \text{ fp} \rightarrow B(x), a:A.$   
 $(\neg(\uparrow a \in \text{dom}(f))) \Rightarrow (\forall b:A. (\uparrow(P(b))) \iff (b = a)) \Rightarrow (\text{fpf-vals}(eq;P;f) \sim [])$