

fpf-rename-dom^{11,40}

$\forall A, C:\text{Type}, B:(A \rightarrow \text{Type}), \text{eqa}:\text{EqDecider}(A), \text{eqc}:\text{EqDecider}(C), r:(A \rightarrow C), f:a:A \text{ fp} \rightarrow B(a),$
 $c:C.$
 $(\uparrow c \in \text{dom}(\text{rename}(r;f))) \iff (\exists a:A. ((\uparrow a \in \text{dom}(f)) c \wedge (c = r(a))))$