$\textbf{rel-pre-preserving}^{11,40}$

f is R-pre-preserving on $P\equiv_{\mathrm{def}} f$ is R-R-pre-preserving on P clarification:

 $\textit{rel-pre-preserving}(es; f; P; R) \ \equiv_{\texttt{def}} \ \textit{Q-R-pre-preserving}(es; f; P; R; R)$