You are using countermodel generation for classical predicate logic.

Tableau for

 $\nvDash (\exists x \forall y R(x,y) \lor \forall y \exists x \neg R(x,y)) :$

The tableau is open:

The formula is refutable.

Countermodels:

Structure
$$S_{16} = \langle \mathcal{D}, \mathcal{I} \rangle$$
 with $\mathcal{D} = \{a, b\}$
 $\mathcal{I}: R \mapsto \{\langle a, a \rangle, \langle b, a \rangle\}$