Agatha Murder Puzzle (JProver)Lori2[8,37]

Agatha hates Charles & Agatha hates Agatha
& ($\forall p$:Person. $\neg p$ is richer than Agatha $\Rightarrow$ The Butler hates p)
& ($\forall p$:Person. Agatha hates $p \Rightarrow \neg$Charles hates p)
& ($\forall p$:Person. Agatha hates $p \Rightarrow$ The Butler hates p)
& ($\forall p$:Person. p likes Agatha $\vee$ p likes The Butler $\vee$ p likes Charles)
& ($\forall p, q$:Person. p kills $q \Rightarrow \neg p$ is richer than q)
& ($\forall p, q$:Person. p kills $q \Rightarrow p$ hates q)
$\Rightarrow$ The Butler did not kill Agatha & Charles did not kill Agatha

ProofTree