

1. $x \in z \longleftrightarrow x \in z$ Taut.
2. $\forall z (x \in z \longleftrightarrow x \in z)$ Generalization
3. $z \in x \longleftrightarrow z \in x$ Taut.
4. $\forall z (z \in x \longleftrightarrow z \in x)$ Generalization
5. $\forall z (x \in z \longleftrightarrow x \in z) \wedge \forall z (z \in x \longleftrightarrow z \in x)$ \wedge -Introduction from 2 and 4
6. $\forall x (\forall z (x \in z \longleftrightarrow x \in z) \wedge \forall z (z \in x \longleftrightarrow z \in x))$ Generalization

You don't even need the hypothesis.