```
squash_to_subset  THM

⊢  ∀x:A. ↓B(x) ⇒ x ∈ {x:A| B(x) }  by Auto
|
1. A : Type
2. B : A→Prop
3. x : A
4. ↓B(x)
⊢  x ∈ {x:A| B(x) }  by Analyze-1
|
4. B(x)
⊢  x ∈ {x:A| B(x) }  by Auto
END
```