```
range_restriction_dep  THM

⊢  ∀A:Type, B:(A→Type), f:(x:A→B(x)). f ∈ x:A→{f(x):B(x)}
| by UnivCD
|
1. A : Type
2. B : A→Type
3. f : x:A→B(x)
⊢  f ∈ x:A→{f(x):B(x)}  by FunExtensionality
|
4. x : A
⊢  f(x) ∈ {f(x):B(x)}  by Analyze
END
```