```
iff_weakening_wrt_one_one_corr_2  THM

⊢  (A ∼ B) ⇒ (A ⟺ B)
| by UnivCD THEN (3) Def of A ∼ B THEN ExistHD Hyp:3
|
1. A : Type
2. B : Type
3. f : A→B
4. g : B→A
5. InvFuns(A;B;f;g)
⊢  A ⟺ B  by Auto
|
|\
| 6. A
| ⊢  B  by BackThru: A→B
|
.\
. 6. B
. ⊢  A  by BackThru: B→A
END
```