```
lang_rel_equi  THM

⊢  ∀L:LangOver(A). EquivRel x,y:A*. x L-induced Equiv y
| by UnivCD THEN (Unfold ‘equiv_rel‘ 0)
|
1. A : Type
2. L : LangOver(A)
⊢  Refl(A*;x,y.x L-induced Equiv y)
|  & Sym x,y:A*. x L-induced Equiv y
|  & Trans x,y:A*. x L-induced Equiv y  by GenExRepD
|
|\
| ⊢  Refl(A*;x,y.x L-induced Equiv y)
|   by BackThru
|      Thm* ∀L:LangOver(A). Refl(A*;x,y.x L-induced Equiv y)
|      {lang_rel_refl}
|
|\
| ⊢  Sym x,y:A*. x L-induced Equiv y
|   by BackThru
|      Thm* ∀L:LangOver(A). Sym x,y:A*. x L-induced Equiv y
|      {lang_rel_symm}
|
.\
. ⊢  Trans x,y:A*. x L-induced Equiv y
.   by BackThru
.      Thm* ∀L:LangOver(A). Trans x,y:A*. x L-induced Equiv y
.      {lang_rel_tran}
END
```