```
eq_pred_marker_wf  THM

⊢  ∀'a:S. <eq_pred:(λx:'a. λy:'a. x =b y)> ∈ eq('a)
| by Id THEN StrongAuto
|
1. 'a : S
⊢  <eq_pred:(λx:'a. λy:'a. x =b y)> ∈ eq('a)
| by Analyze THEN StrongAuto
|
|\
| 1. 'a : S
| ⊢  <eq_pred:(λx:'a. λy:'a. x =b y)> ∈ 'a→'a→𝔹
|   by Unab [‘eq_pred_marker‘] THEN StrongAuto
|
.\
. .....set predicate .....
. 1. 'a : S
. ⊢  <eq_pred:(λx:'a. λy:'a. x =b y)> = (λx:'a. λy:'a. x =b y)
.   by Unab [‘eq_pred_marker‘] THEN StrongAuto
END
```