```
eq_rat_refl  THM

⊢  ∀x:ℚ. x =q x  by Analyze 0
|
1. x : ℚ
⊢  x =q x  by Unfold ‘eq_rat‘ 0
|
⊢  x.num·x.den=₂x.num·x.den
| by RW (LemmaC Thm* ∀x,y:ℤ. x=₂y ⟺ x = y    {assert_of_eq_int_rw})
|    0
|
⊢  x.num·x.den = x.num·x.den  by Analyze 1
|
1. x1 : ℤ
2. x2 : ℕ+
⊢  <x1,x2>.num·<x1,x2>.den = <x1,x2>.num·<x1,x2>.den
| by Fold ‘qnum‘ 0
|
⊢  x1/x2.num·x1/x2.den = x1/x2.num·x1/x2.den  by RWH qnd_evalC 0
|
⊢  x1·x2 = x1·x2  by Auto
END
```