```
s1  THM

⊢  ∀t:Term. s(t) = SUBX(q(t); SUBX(q(f(t)); Q(q(f(t)))))
| by GenUnivCD
|
1. t : Term
⊢  s(t) = SUBX(q(t); SUBX(q(f(t)); Q(q(f(t)))))
| by Assert (s(t) = f(t)/q(f(t)))
|
|\
| .....assertion .....
| ⊢  s(t) = f(t)/q(f(t))  by Unfold ‘s‘ 0
|
.\
. 2. s(t) = f(t)/q(f(t))
. ⊢  s(t) = SUBX(q(t); SUBX(q(f(t)); Q(q(f(t)))))  by Unfold ‘subx‘ 2
. |
. 2. s(t) = f(t)[q(f(t))/X]
. ⊢  s(t) = SUBX(q(t); SUBX(q(f(t)); Q(q(f(t)))))
. | by ComputeWithTaggedTerm (s(t) = [ 0: f(t) ][q(f(t))/X]) 2
. |
. 2. s(t) = SUBX(q(t); SUBX(X; Q(X)))[q(f(t))/X]
. ⊢  s(t) = SUBX(q(t); SUBX(q(f(t)); Q(q(f(t)))))
. | by Repeat (ComputeOpid ‘term_subst‘ 2)
. |
. 2. s(t) = SUBX(q(t)[q(f(t))/X]; SUBX(q(f(t)); Q(q(f(t)))))
. ⊢  s(t) = SUBX(q(t); SUBX(q(f(t)); Q(q(f(t)))))
. | by Assert (q(t)[q(f(t))/X] = q(t))
. |
. |\
. | .....assertion .....
. | ⊢  q(t)[q(f(t))/X] = q(t)
. |   by BLemmaWithUnfolds [‘term_closed‘]
. |      Thm* ∀t:Term. closed(t)    {up_term_closed}
. |
. .\
. . 3. q(t)[q(f(t))/X] = q(t)
. . ⊢  s(t) = SUBX(q(t); SUBX(q(f(t)); Q(q(f(t)))))  by HypSubst 3 2
END
```