```
rel_free_vars_addprime  THM

⊢  ∀r:rel(). rel_free_vars((r)') = rel_free_vars(r)
| by Unfolds ``rel_addprime rel_free_vars`` 0
THEN Reduce 0

|    THEN Auto
|
1. r : rel()
⊢  reduce(λt,vs. term_free_vars(t) @ vs;nil;map(λt.(t)';r.args))
   =
   reduce(λt,vs. term_free_vars(t) @ vs;nil;r.args)
  by D 1 THEN ListInd 2 THEN All Reduce  THEN

     Try (Complete Auto) THEN
Try (EqCD THEN Auto) THEN

     Try (InstLemma `term_free_vars_addprime` [u] THEN Auto

          THEN HypSubst (-1) 0 THEN Auto)
END
```