```
sublist_wf  THM

⊢  ∀T:Type, eq:(T→T→𝔹), L1,L2:T List. L1(⊆eq)L2 ∈ Type  by UnivCD
|
1. T : Type
2. eq : T→T→𝔹
3. L1 : T List
4. L2 : T List
⊢  L1(⊆eq)L2 ∈ Type  by ListInd 3
|
|\
| ⊢  nil(⊆eq)L2 ∈ Type  by AbReduce 0
|
.\
. 5. u : T
. 6. v : T List
. 7. v(⊆eq)L2 ∈ Type
. ⊢  (u.v)(⊆eq)L2 ∈ Type  by AbReduce 0
END
```