```
list_all_2_wf  THM

⊢  ∀T:Type, P:(T→𝔹), L:T List. ∀x∈₂L.P(x) ∈ 𝔹  by UnivCD
|
1. T : Type
2. P : T→𝔹
3. L : T List
⊢  ∀x∈₂L.P(x) ∈ 𝔹  by ListInd 3 THEN Reduce 0
|
|\
| ⊢  true₂ ∈ 𝔹  by Auto
|
.\
. 4. u : T
. 5. v : T List
. 6. ∀x∈₂v.P(x) ∈ 𝔹
. ⊢  (P(u)∧₂∀x∈₂v.P(x)) ∈ 𝔹  by Auto
END
```