```
empty_alph_list  THM

⊢  ∀q:ℕ, x:ℕq*. q = 0 ⇒ x = nil  by UnivCD
|
1. q : ℕ
2. x : ℕq*
3. q = 0
⊢  x = nil  by Analyze 2
|
|\
| ⊢  nil = nil  by Auto
|
.\
. 4. u : ℕq
. 5. v : ℕq*
. ⊢  u.v = nil  by Analyze 4
END
```