```
0: E_1(x) \/ O_2(x) |- N_3(x) (L.Or) [1,2]
  1: E_1(x) |- N_3(x) (E L.Unf.) [3,4]
    3: E_2(0) |- N_3(0) (N R.Unf.) [5]
      5: E_2(0) |- T (Id)
    4: O_1(y) /\ E_2(s(y)) |- N_3(s(y)) (N R.Unf.) [6]
      6: O_1(y) /\ E_2(s(y)) |- N_1(y) (O L.Unf.) [7]
        7: E_1(z) /\ E_2(s(s(z))) /\ O_3(s(z)) |- N_1(s(z)) (N R.Unf.) [8]
          8: E_1(z) /\ E_2(s(s(z))) /\ O_3(s(z)) |- N_1(z) (Weaken) [9]
            9: E_1(z) |- N_3(z) (Subst) [10]
              10: E_1(x) |- N_3(x) (Backl) [1]
  2: O_2(x) |- N_3(x) (O L.Unf.) [11]
    11: E_2(y) /\ O_3(s(y)) |- N_3(s(y)) (N R.Unf.) [12]
      12: E_2(y) /\ O_3(s(y)) |- N_1(y) (E L.Unf.) [13,14]
        13: O_3(s(0)) /\ E_4(0) |- N_1(0) (N R.Unf.) [15]
          15: O_3(s(0)) /\ E_4(0) |- T (Id)
        14: O_2(z) /\ O_3(s(s(z))) /\ E_4(s(z)) |- N_1(s(z)) (N R.Unf.) [16]
          16: O_2(z) /\ O_3(s(s(z))) /\ E_4(s(z)) |- N_1(z) (E Fold) [17]
            17: O_2(z) /\ E_4(s(z)) /\ E_5(s(s(s(z)))) |- N_1(z) (Weaken) [18]
              18: O_2(z) |- N_3(z) (Subst) [19]
                19: O_2(x) |- N_3(x) (Backl) [2]

Miss !!!
Root list: 1, 2, 0

Measures proposed for the roots in cycles:
    1: [1]
    2: [2]
Checking the link of IAAs from buds to roots:
    19 to 2: | 2 -> 2 [true ] ==> true
    10 to 1: | 1 -> 1 [true ] ==> true
The proof has succeeded
```