The group G is isomorphic to the group labelled by $[39, 2]$ in the Small Groups library.

Ordinary character table of $G \cong C39$:

Trivial source character table of $G \cong C39$ at $p = 3$:

$P_1 = Group([()]) \cong 1$

$P_2 = Group([(1,2,3)]) \cong C3$

$N_1 = Group([(1,2,3),(4,5,6,7,8,9,10,11,12,13,14,15,16)]) \cong C39$

$N_2 = Group([(1,2,3),(4,5,6,7,8,9,10,11,12,13,14,15,16)]) \cong C39$