

The group G is isomorphic to the group labelled by [3, 1] in the Small Groups library.
 Ordinary character table of $G \cong \text{C3}$:

	$1a$	$3a$	$3b$
χ_1	1	1	1
χ_2	1	$E(3)$	$E(3)^2$
χ_3	1	$E(3)^2$	$E(3)$

Trivial source character table of $G \cong \text{C3}$ at $p = 3$:

Normalisers N_i	N_1	N_2
p -subgroups of G up to conjugacy in G	P_1	P_2
Representatives $n_j \in N_i$	$1a$	$1a$
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3$	3	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3$	1	1

$$P_1 = \text{Group}([()]) \cong 1$$

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

$$N_1 = \text{AlternatingGroup}([1..3]) \cong \text{C3}$$

$$N_2 = \text{AlternatingGroup}([1..3]) \cong \text{C3}$$