The group G is isomorphic to the group labelled by [48, 32] in the Small Groups library.
Ordinary character table of $G \cong$ C2 x SL(2,3):

	$1a$	$2a$	$3a$	$4a$	$2b$	$6a$	$4b$	$2c$	$3b$	$6b$	$6c$	$6d$	$6e$	$6f$
χ_1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
χ_2	1	-1	1	1	1	-1	-1	-1	1	1	-1	-1	1	-1
χ_3	1	-1	$E(3)^2$	1	1	$-E(3)^2$	-1	-1	$E(3)$	$E(3)^2$	$-E(3)$	$-E(3)^2$	$E(3)$	$-E(3)$
χ_4	1	-1	$E(3)$	1	1	$-E(3)$	-1	-1	$E(3)^2$	$E(3)$	$-E(3)^2$	$-E(3)$	$E(3)^2$	$-E(3)^2$
χ_5	1	1	$E(3)^2$	1	1	$E(3)^2$	1	1	$E(3)$	$E(3)^2$	$E(3)$	$E(3)^2$	$E(3)$	$E(3)$
χ_6	1	1	$E(3)$	1	1	$E(3)$	1	1	$E(3)^2$	$E(3)$	$E(3)^2$	$E(3)$	$E(3)^2$	$E(3)^2$
χ_7	2	-2	-1	0	-2	1	0	2	-1	1	1	-1	1	-1
χ_8	2	2	-1	0	-2	-1	0	-2	-1	1	-1	1	1	1
χ_9	2	-2	$-E(3)$	0	-2	$E(3)$	0	2	$-E(3)^2$	$E(3)$	$E(3)^2$	$-E(3)$	$E(3)^2$	$-E(3)^2$
χ_{10}	2	-2	$-E(3)^2$	0	-2	$E(3)^2$	0	2	$-E(3)$	$E(3)^2$	$E(3)$	$-E(3)^2$	$E(3)$	$-E(3)$
χ_{11}	2	2	$-E(3)$	0	-2	$-E(3)$	0	-2	$-E(3)^2$	$E(3)$	$-E(3)^2$	$E(3)$	$E(3)^2$	$E(3)^2$
χ_{12}	2	2	$-E(3)^2$	0	-2	$-E(3)^2$	0	-2	$-E(3)$	$E(3)^2$	$-E(3)$	$E(3)^2$	$E(3)$	$E(3)$
χ_{13}	3	-3	0	-1	3	0	1	-3	0	0	0	0	0	0
χ_{14}	3	3	0	-1	3	0	-1	3	0	0	0	0	0	0

Trivial source character table of $G \cong$ C2 x SL(2,3) at $p = 2$:

Normalisers N_i	N_1			N_2			N_3			N_4			N_5			N_6	N_7	N_8			N_9	N_{10}	N_{11}		
p-subgroups of G up to conjugacy in G	P_1			P_2			P_3			P_4			P_5			P_6	P_7	P_8			P_9	P_{10}	P_{11}		
Representatives $n_j \in N_i$	$1a$	$3a$	$3b$	$1a$	$3a$	$3b$	$1a$	$3a$	$3b$	$1a$	$3a$	$3b$	$1a$	$3a$	$3b$	$1a$	$1a$	$1a$	$3a$	$3b$	$1a$	$1a$	$1a$	$3a$	$3b$
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14}$	16	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14}$	16	$4*E(3)^2$	$4*E(3)$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14}$	16	$4*E(3)$	$4*E(3)^2$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14}$	8	2	2	8	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14}$	8	$2*E(3)$	$2*E(3)^2$	8	$2*E(3)$	$2*E(3)^2$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14}$	8	$2*E(3)^2$	$2*E(3)$	8	$2*E(3)^2$	$2*E(3)$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14}$	8	2	2	0	0	0	8	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14}$	8	$2*E(3)^2$	$2*E(3)$	0	0	0	8	$2*E(3)^2$	$2*E(3)$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14}$	8	$2*E(3)$	$2*E(3)^2$	0	0	0	8	$2*E(3)$	$2*E(3)^2$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14}$	8	2	2	0	0	0	0	0	0	8	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14}$	8	$2*E(3)^2$	$2*E(3)$	0	0	0	0	0	0	8	$2*E(3)^2$	$2*E(3)$	0	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14}$	8	$2*E(3)$	$2*E(3)^2$	0	0	0	0	0	0	8	$2*E(3)$	$2*E(3)^2$	0	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14}$	4	1	1	4	1	1	4	1	1	4	1	1	4	1	1	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14}$	4	$E(3)$	$E(3)^2$	4	$E(3)$	$E(3)^2$	4	$E(3)$	$E(3)^2$	4	$E(3)$	$E(3)^2$	4	$E(3)$	$E(3)^2$	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14}$	4	$E(3)^2$	$E(3)$	4	$E(3)^2$	$E(3)$	4	$E(3)^2$	$E(3)$	4	$E(3)^2$	$E(3)$	4	$E(3)^2$	$E(3)$	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14}$	12	0	0	12	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 2 \cdot \chi_{13} + 1 \cdot \chi_{14}$	12	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	2	0	2	2	2	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	2	$2*E(3)^2$	$2*E(3)$	2	$2*E(3)^2$	$2*E(3)$	0	0	0	0	0	0	0	0	0	2	0	2	$2*E(3)^2$	$2*E(3)$	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	2	$2*E(3)$	$2*E(3)^2$	2	$2*E(3)$	$2*E(3)^2$	0	0	0	0	0	0	0	0	0	2	0	2	$2*E(3)$	$2*E(3)^2$	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14}$	6	0	0	6	0	0	6	0	0	6	0	0	6	0	0	2	2	0	0	0	2	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14}$	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0	2	4	0	0	0	0	2	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	1	$E(3)^2$	$E(3)$	1	$E(3)^2$	$E(3)$	1	$E(3)^2$	$E(3)$	1	$E(3)^2$	$E(3)$	1	$E(3)^2$	$E(3)$	1	1	1	$E(3)^2$	$E(3)$	1	1	1	$E(3)^2$	$E(3)$
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	1	$E(3)$	$E(3)^2$	1	$E(3)$	$E(3)^2$	1	$E(3)$	$E(3)^2$	1	$E(3)$	$E(3)^2$	1	$E(3)$	$E(3)^2$	1	1	1	$E(3)$	$E(3)^2$	1	1	1	$E(3)$	$E(3)^2$

$P_1 = Group([()]) \cong 1$
$P_2 = Group([(1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48)]) \cong$ C2
$P_3 = Group([(1,2)(3,7)(4,8)(5,9)(6,10)(11,18)(12,19)(13,20)(14,21)(15,22)(16,23)(17,24)(25,32)(26,33)(27,34)(28,35)(29,36)(30,37)(31,38)(39,43)(40,44)(41,45)(42,46)(47,48)]) \cong$ C2
$P_4 = Group([(1,10)(2,6)(3,21)(4,23)(5,24)(7,14)(8,16)(9,17)(11,34)(12,36)(13,37)(15,38)(18,27)(19,29)(20,30)(22,31)(25,44)(26,45)(28,46)(32,40)(33,41)(35,42)(39,48)(43,47)]) \cong$ C2
$P_5 = Group([(1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48), (1,2)(3,7)(4,8)(5,9)(6,10)(11,18)(12,19)(13,20)(14,21)(15,22)(16,23)(17,24)(25,32)(26,33)(27,34)(28,35)(29,36)(30,37)(31,38)(39,43)(40,44)(41,45)(42,46)(47,48)]) \cong$ C2 x C2
$P_6 = Group([(1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48), (1,17,6,5)(2,24,10,9)(3,30,14,13)(4,31,16,15)(7,37,21,20)(8,38,23,22)(11,41,27,26)(12,42,29,28)(18,45,34,33)(19,46,36,35)(25,47,40,39)(32,48,44,43)]) \cong$ C4
$P_7 = Group([(1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48), (1,24,6,9)(2,17,10,5)(3,37,14,20)(4,38,16,22)(7,30,21,13)(8,31,23,15)(11,45,27,33)(12,46,29,35)(18,41,34,26)(19,42,36,28)(25,48,40,43)(32,47,44,39)]) \cong$ C4
$P_8 = Group([(1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48), (1,17,6,5)(2,24,10,9)(3,30,14,13)(4,31,16,15)(7,37,21,20)(8,38,23,22)(11,41,27,26)(12,42,29,28)(18,45,34,33)(19,46,36,35)(25,47,40,39)(32,48,44,43), (1,31,6,15)(2,38,10,22)(3,42,14,28)(4,5,16,17)(7,46,21,35)(8,9,23,24)(11,47,27,39)(12,13,29,30)(18,48,34,43)(19,20,36,37)(25,26,40,41)(32,33,44,45)]) \cong$ Q8
$P_9 = Group([(1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48), (1,2)(3,7)(4,8)(5,9)(6,10)(11,18)(12,19)(13,20)(14,21)(15,22)(16,23)(17,24)(25,32)(26,33)(27,34)(28,35)(29,36)(30,37)(31,38)(39,43)(40,44)(41,45)(42,46)(47,48), (1,31,6,15)(2,38,10,22)(3,42,14,28)(4,5,16,17)(7,46,21,35)(8,9,23,24)(11,47,27,39)(12,13,29,30)(18,48,34,43)(19,20,36,37)(25,26,40,41)(32,33,44,45)]) \cong$ C4 x C2
$P_{10} = Group([(1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48), (1,24,6,9)(2,17,10,5)(3,37,14,20)(4,38,16,22)(7,30,21,13)(8,31,23,15)(11,45,27,33)(12,46,29,35)(18,41,34,26)(19,42,36,28)(25,48,40,43)(32,47,44,39), (1,31,6,15)(2,38,10,22)(3,42,14,28)(4,5,16,17)(7,46,21,35)(8,9,23,24)(11,47,27,39)(12,13,29,30)(18,48,34,43)(19,20,36,37)(25,26,40,41)(32,33,44,45)]) \cong$ Q8
$P_{11} = Group([(1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48), (1,2)(3,7)(4,8)(5,9)(6,10)(11,18)(12,19)(13,20)(14,21)(15,22)(16,23)(17,24)(25,32)(26,33)(27,34)(28,35)(29,36)(30,37)(31,38)(39,43)(40,44)(41,45)(42,46)(47,48), (1,17,6,5)(2,24,10,9)(3,30,14,13)(4,31,16,15)(7,37,21,20)(8,38,23,22)(11,41,27,26)(12,42,29,28)(18,45,34,33)(19,46,36,35)(25,47,40,39)(32,48,44,43), (1,31,6,15)(2,38,10,22)(3,42,14,28)(4,5,16,17)(7,46,21,35)(8,9,23,24)(11,47,27,39)(12,13,29,30)(18,48,34,43)(19,20,36,37)(25,26,40,41)(32,33,44,45)]) \cong$ C2 x Q8

$N_1 = Group([(1,2)(3,7)(4,8)(5,9)(6,10)(11,18)(12,19)(13,20)(14,21)(15,22)(16,23)(17,24)(25,32)(26,33)(27,34)(28,35)(29,36)(30,37)(31,38)(39,43)(40,44)(41,45)(42,46)(47,48), (1,3,11)(2,7,18)(4,13,39)(5,28,25)(6,14,27)(8,20,43)(9,35,32)(10,21,34)(12,26,15)(16,30,47)(17,42,40)(19,33,22)(23,37,48)(24,46,44)(29,41,31)(36,45,38), (1,4,6,16)(2,8,10,23)(3,12,14,29)(5,31,17,15)(7,19,21,36)(9,38,24,22)(11,25,27,40)(13,42,30,28)(18,32,34,44)(20,46,37,35)(26,47,41,39)(33,48,45,43), (1,5,6,17)(2,9,10,24)(3,13,14,30)(4,15,16,31)(7,20,21,37)(8,22,23,38)(11,26,27,41)(12,28,29,42)(18,33,34,45)(19,35,36,46)(25,39,40,47)(32,43,44,48), (1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48)]) \cong$ C2 x SL(2,3)
$N_2 = Group([(1,2)(3,7)(4,8)(5,9)(6,10)(11,18)(12,19)(13,20)(14,21)(15,22)(16,23)(17,24)(25,32)(26,33)(27,34)(28,35)(29,36)(30,37)(31,38)(39,43)(40,44)(41,45)(42,46)(47,48), (1,3,11)(2,7,18)(4,13,39)(5,28,25)(6,14,27)(8,20,43)(9,35,32)(10,21,34)(12,26,15)(16,30,47)(17,42,40)(19,33,22)(23,37,48)(24,46,44)(29,41,31)(36,45,38), (1,4,6,16)(2,8,10,23)(3,12,14,29)(5,31,17,15)(7,19,21,36)(9,38,24,22)(11,25,27,40)(13,42,30,28)(18,32,34,44)(20,46,37,35)(26,47,41,39)(33,48,45,43), (1,5,6,17)(2,9,10,24)(3,13,14,30)(4,15,16,31)(7,20,21,37)(8,22,23,38)(11,26,27,41)(12,28,29,42)(18,33,34,45)(19,35,36,46)(25,39,40,47)(32,43,44,48), (1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48)]) \cong$ C2 x SL(2,3)
$N_3 = Group([(1,2)(3,7)(4,8)(5,9)(6,10)(11,18)(12,19)(13,20)(14,21)(15,22)(16,23)(17,24)(25,32)(26,33)(27,34)(28,35)(29,36)(30,37)(31,38)(39,43)(40,44)(41,45)(42,46)(47,48), (1,3,11)(2,7,18)(4,13,39)(5,28,25)(6,14,27)(8,20,43)(9,35,32)(10,21,34)(12,26,15)(16,30,47)(17,42,40)(19,33,22)(23,37,48)(24,46,44)(29,41,31)(36,45,38), (1,4,6,16)(2,8,10,23)(3,12,14,29)(5,31,17,15)(7,19,21,36)(9,38,24,22)(11,25,27,40)(13,42,30,28)(18,32,34,44)(20,46,37,35)(26,47,41,39)(33,48,45,43), (1,5,6,17)(2,9,10,24)(3,13,14,30)(4,15,16,31)(7,20,21,37)(8,22,23,38)(11,26,27,41)(12,28,29,42)(18,33,34,45)(19,35,36,46)(25,39,40,47)(32,43,44,48), (1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48)]) \cong$ C2 x SL(2,3)
$N_4 = Group([(1,2)(3,7)(4,8)(5,9)(6,10)(11,18)(12,19)(13,20)(14,21)(15,22)(16,23)(17,24)(25,32)(26,33)(27,34)(28,35)(29,36)(30,37)(31,38)(39,43)(40,44)(41,45)(42,46)(47,48), (1,3,11)(2,7,18)(4,13,39)(5,28,25)(6,14,27)(8,20,43)(9,35,32)(10,21,34)(12,26,15)(16,30,47)(17,42,40)(19,33,22)(23,37,48)(24,46,44)(29,41,31)(36,45,38), (1,4,6,16)(2,8,10,23)(3,12,14,29)(5,31,17,15)(7,19,21,36)(9,38,24,22)(11,25,27,40)(13,42,30,28)(18,32,34,44)(20,46,37,35)(26,47,41,39)(33,48,45,43), (1,5,6,17)(2,9,10,24)(3,13,14,30)(4,15,16,31)(7,20,21,37)(8,22,23,38)(11,26,27,41)(12,28,29,42)(18,33,34,45)(19,35,36,46)(25,39,40,47)(32,43,44,48), (1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48)]) \cong$ C2 x SL(2,3)
$N_5 = Group([(1,2)(3,7)(4,8)(5,9)(6,10)(11,18)(12,19)(13,20)(14,21)(15,22)(16,23)(17,24)(25,32)(26,33)(27,34)(28,35)(29,36)(30,37)(31,38)(39,43)(40,44)(41,45)(42,46)(47,48), (1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48), (1,3,11)(2,7,18)(4,13,39)(5,28,25)(6,14,27)(8,20,43)(9,35,32)(10,21,34)(12,26,15)(16,30,47)(17,42,40)(19,33,22)(23,37,48)(24,46,44)(29,41,31)(36,45,38), (1,4,6,16)(2,8,10,23)(3,12,14,29)(5,31,17,15)(7,19,21,36)(9,38,24,22)(11,25,27,40)(13,42,30,28)(18,32,34,44)(20,46,37,35)(26,47,41,39)(33,48,45,43)]) \cong$ C2 x SL(2,3)
$N_6 = Group([(1,17,6,5)(2,24,10,9)(3,30,14,13)(4,31,16,15)(7,37,21,20)(8,38,23,22)(11,41,27,26)(12,42,29,28)(18,45,34,33)(19,46,36,35)(25,47,40,39)(32,48,44,43), (1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48), (1,2)(3,7)(4,8)(5,9)(6,10)(11,18)(12,19)(13,20)(14,21)(15,22)(16,23)(17,24)(25,32)(26,33)(27,34)(28,35)(29,36)(30,37)(31,38)(39,43)(40,44)(41,45)(42,46)(47,48), (1,4,6,16)(2,8,10,23)(3,12,14,29)(5,31,17,15)(7,19,21,36)(9,38,24,22)(11,25,27,40)(13,42,30,28)(18,32,34,44)(20,46,37,35)(26,47,41,39)(33,48,45,43)]) \cong$ C2 x Q8
$N_7 = Group([(1,24,6,9)(2,17,10,5)(3,37,14,20)(4,38,16,22)(7,30,21,13)(8,31,23,15)(11,45,27,33)(12,46,29,35)(18,41,34,26)(19,42,36,28)(25,48,40,43)(32,47,44,39), (1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48), (1,2)(3,7)(4,8)(5,9)(6,10)(11,18)(12,19)(13,20)(14,21)(15,22)(16,23)(17,24)(25,32)(26,33)(27,34)(28,35)(29,36)(30,37)(31,38)(39,43)(40,44)(41,45)(42,46)(47,48), (1,4,6,16)(2,8,10,23)(3,12,14,29)(5,31,17,15)(7,19,21,36)(9,38,24,22)(11,25,27,40)(13,42,30,28)(18,32,34,44)(20,46,37,35)(26,47,41,39)(33,48,45,43)]) \cong$ C2 x Q8
$N_8 = Group([(1,31,6,15)(2,38,10,22)(3,42,14,28)(4,5,16,17)(7,46,21,35)(8,9,23,24)(11,47,27,39)(12,13,29,30)(18,48,34,43)(19,20,36,37)(25,26,40,41)(32,33,44,45), (1,17,6,5)(2,24,10,9)(3,30,14,13)(4,31,16,15)(7,37,21,20)(8,38,23,22)(11,41,27,26)(12,42,29,28)(18,45,34,33)(19,46,36,35)(25,47,40,39)(32,48,44,43), (1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48), (1,2)(3,7)(4,8)(5,9)(6,10)(11,18)(12,19)(13,20)(14,21)(15,22)(16,23)(17,24)(25,32)(26,33)(27,34)(28,35)(29,36)(30,37)(31,38)(39,43)(40,44)(41,45)(42,46)(47,48), (1,3,11)(2,7,18)(4,13,39)(5,28,25)(6,14,27)(8,20,43)(9,35,32)(10,21,34)(12,26,15)(16,30,47)(17,42,40)(19,33,22)(23,37,48)(24,46,44)(29,41,31)(36,45,38)]) \cong$ C2 x SL(2,3)
$N_9 = Group([(1,31,6,15)(2,38,10,22)(3,42,14,28)(4,5,16,17)(7,46,21,35)(8,9,23,24)(11,47,27,39)(12,13,29,30)(18,48,34,43)(19,20,36,37)(25,26,40,41)(32,33,44,45), (1,2)(3,7)(4,8)(5,9)(6,10)(11,18)(12,19)(13,20)(14,21)(15,22)(16,23)(17,24)(25,32)(26,33)(27,34)(28,35)(29,36)(30,37)(31,38)(39,43)(40,44)(41,45)(42,46)(47,48), (1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48), (1,4,6,16)(2,8,10,23)(3,12,14,29)(5,31,17,15)(7,19,21,36)(9,38,24,22)(11,25,27,40)(13,42,30,28)(18,32,34,44)(20,46,37,35)(26,47,41,39)(33,48,45,43)]) \cong$ C2 x Q8
$N_{10} = Group([(1,31,6,15)(2,38,10,22)(3,42,14,28)(4,5,16,17)(7,46,21,35)(8,9,23,24)(11,47,27,39)(12,13,29,30)(18,48,34,43)(19,20,36,37)(25,26,40,41)(32,33,44,45), (1,24,6,9)(2,17,10,5)(3,37,14,20)(4,38,16,22)(7,30,21,13)(8,31,23,15)(11,45,27,33)(12,46,29,35)(18,41,34,26)(19,42,36,28)(25,48,40,43)(32,47,44,39), (1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48), (1,2)(3,7)(4,8)(5,9)(6,10)(11,18)(12,19)(13,20)(14,21)(15,22)(16,23)(17,24)(25,32)(26,33)(27,34)(28,35)(29,36)(30,37)(31,38)(39,43)(40,44)(41,45)(42,46)(47,48)]) \cong$ C2 x Q8
$N_{11} = Group([(1,31,6,15)(2,38,10,22)(3,42,14,28)(4,5,16,17)(7,46,21,35)(8,9,23,24)(11,47,27,39)(12,13,29,30)(18,48,34,43)(19,20,36,37)(25,26,40,41)(32,33,44,45), (1,17,6,5)(2,24,10,9)(3,30,14,13)(4,31,16,15)(7,37,21,20)(8,38,23,22)(11,41,27,26)(12,42,29,28)(18,45,34,33)(19,46,36,35)(25,47,40,39)(32,48,44,43), (1,2)(3,7)(4,8)(5,9)(6,10)(11,18)(12,19)(13,20)(14,21)(15,22)(16,23)(17,24)(25,32)(26,33)(27,34)(28,35)(29,36)(30,37)(31,38)(39,43)(40,44)(41,45)(42,46)(47,48), (1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48), (1,3,11)(2,7,18)(4,13,39)(5,28,25)(6,14,27)(8,20,43)(9,35,32)(10,21,34)(12,26,15)(16,30,47)(17,42,40)(19,33,22)(23,37,48)(24,46,44)(29,41,31)(36,45,38)]) \cong$ C2 x SL(2,3)