The group G is isomorphic to the group labelled by [32, 18] in the Small Groups library.
Ordinary character table of $G \cong$ D32:

	1a	2a	2b	8a	16a	2c	4a	16b	16c	16d	8b
χ_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
χ_3	1	−1	1	1	−1	1	1	−1	−1	−1	1
χ_4	1	1	−1	1	−1	1	1	−1	−1	−1	1
χ_5	2	0	0	−2	0	2	2	0	0	0	−2
χ_6	2	0	0	0	$E(8)-E(8)^3$	2	−2	$E(8)-E(8)^3$	$-E(8)+E(8)^3$	$-E(8)+E(8)^3$	0
χ_7	2	0	0	0	$-E(8)+E(8)^3$	2	−2	$-E(8)+E(8)^3$	$E(8)-E(8)^3$	$E(8)-E(8)^3$	0
χ_8	2	0	0	$-E(8)+E(8)^3$	$-E(16)^3+E(16)^5$	−2	0	$E(16)^3-E(16)^5$	$-E(16)+E(16)^7$	$E(16)-E(16)^7$	$E(8)-E(8)^3$
χ_9	2	0	0	$-E(8)+E(8)^3$	$E(16)^3-E(16)^5$	−2	0	$-E(16)^3+E(16)^5$	$E(16)-E(16)^7$	$-E(16)+E(16)^7$	$E(8)-E(8)^3$
χ_{10}	2	0	0	$E(8)-E(8)^3$	$E(16)-E(16)^7$	−2	0	$-E(16)+E(16)^7$	$-E(16)^3+E(16)^5$	$E(16)^3-E(16)^5$	$-E(8)+E(8)^3$
χ_{11}	2	0	0	$E(8)-E(8)^3$	$-E(16)+E(16)^7$	−2	0	$E(16)-E(16)^7$	$E(16)^3-E(16)^5$	$-E(16)^3+E(16)^5$	$-E(8)+E(8)^3$

Trivial source character table of $G \cong$ D32 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}	N_{12}	N_{13}	N_{14}
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}	P_{12}	P_{13}	P_{14}
Representatives $n_j \in N_i$	1a	1a	1a	1a	1a	1a	1a	1a	1a	1a	1a	1a	1a	1a
$1\cdot\chi_1+1\cdot\chi_2+1\cdot\chi_3+1\cdot\chi_4+2\cdot\chi_5+2\cdot\chi_6+2\cdot\chi_7+2\cdot\chi_8+2\cdot\chi_9+2\cdot\chi_{10}+2\cdot\chi_{11}$	32	0	0	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+1\cdot\chi_2+1\cdot\chi_3+1\cdot\chi_4+2\cdot\chi_5+2\cdot\chi_6+2\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}$	16	16	0	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+1\cdot\chi_6+1\cdot\chi_7+1\cdot\chi_8+1\cdot\chi_9+1\cdot\chi_{10}+1\cdot\chi_{11}$	16	0	2	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+1\cdot\chi_5+1\cdot\chi_6+1\cdot\chi_7+1\cdot\chi_8+1\cdot\chi_9+1\cdot\chi_{10}+1\cdot\chi_{11}$	16	0	0	2	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+1\cdot\chi_2+1\cdot\chi_3+1\cdot\chi_4+2\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}$	8	8	0	0	8	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+1\cdot\chi_6+1\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}$	8	8	2	0	0	2	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+1\cdot\chi_5+1\cdot\chi_6+1\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}$	8	8	0	2	0	0	2	0	0	0	0	0	0	0
$1\cdot\chi_1+1\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}$	4	4	0	0	4	0	0	4	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}$	4	4	2	0	4	2	0	0	2	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+1\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}$	4	4	0	2	4	0	2	0	0	2	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}$	2	2	2	0	2	2	0	2	2	0	2	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}$	2	2	0	2	2	0	2	2	0	2	0	0	0	0
$1\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}$	2	2	0	0	2	0	0	2	0	0	0	0	2	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}$	1	1	1	1	1	1	1	1	1	1	1	1	1	1

$P_1 = Group([()]) \cong 1$
$P_2 = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32)]) \cong C2$
$P_3 = Group([(1,3)(2,7)(4,23)(5,25)(6,13)(8,27)(9,29)(10,19)(11,14)(12,16)(15,31)(17,20)(18,22)(21,32)(24,26)(28,30)]) \cong C2$
$P_4 = Group([(1,2)(3,17)(4,20)(5,22)(6,10)(7,11)(8,14)(9,16)(12,32)(13,28)(15,30)(18,31)(19,24)(21,26)(23,29)(25,27)]) \cong C2$
$P_5 = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32)]) \cong C4$
$P_6 = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,3)(2,7)(4,23)(5,25)(6,13)(8,27)(9,29)(10,19)(11,14)(12,16)(15,31)(17,20)(18,22)(21,32)(24,26)(28,30)]) \cong C2 \times C2$
$P_7 = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,2)(3,17)(4,20)(5,22)(6,10)(7,11)(8,14)(9,16)(12,32)(13,28)(15,30)(18,31)(19,24)(21,26)(23,29)(25,27)]) \cong C2 \times C2$
$P_8 = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,15,16,14,6,4,5,26)(2,21,22,20,10,8,9,30)(3,24,25,23,13,11,12,31)(7,28,29,27,19,17,18,32)]) \cong C8$
$P_9 = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,3)(2,7)(4,23)(5,25)(6,13)(8,27)(9,29)(10,19)(11,14)(12,16)(15,31)(17,20)(18,22)(21,32)(24,26)(28,30)]) \cong D8$
$P_{10} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,2)(3,17)(4,20)(5,22)(6,10)(7,11)(8,14)(9,16)(12,32)(13,28)(15,30)(18,31)(19,24)(21,26)(23,29)(25,27)]) \cong D8$
$P_{11} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,15,16,14,6,4,5,26)(2,21,22,20,10,8,9,30)(3,24,25,23,13,11,12,31)(7,28,29,27,19,17,18,32), (1,3)(2,7)(4,23)(5,25)(6,13)(8,27)(9,29)(10,19)(11,14)(12,16)(15,31)(17,20)(18,22)(21,32)(24,26)(28,30)]) \cong D16$
$P_{12} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,15,16,14,6,4,5,26)(2,21,22,20,10,8,9,30)(3,24,25,23,13,11,12,31)(7,28,29,27,19,17,18,32), (1,2)(3,17)(4,20)(5,22)(6,10)(7,11)(8,14)(9,16)(12,32)(13,28)(15,30)(18,31)(19,24)(21,26)(23,29)(25,27)]) \cong D16$
$P_{13} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,15,16,14,6,4,5,26)(2,21,22,20,10,8,9,30)(3,24,25,23,13,11,12,31)(7,28,29,27,19,17,18,32), (1,17,4,29,16,32,26,19,6,28,15,18,5,27,14,7)(2,11,8,25,22,31,30,13,10,24,21,12,9,23,20,3)]) \cong C16$
$P_{14} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,15,16,14,6,4,5,26)(2,21,22,20,10,8,9,30)(3,24,25,23,13,11,12,31)(7,28,29,27,19,17,18,32), (1,3)(2,7)(4,23)(5,25)(6,13)(8,27)(9,29)(10,19)(11,14)(12,16)(15,31)(17,20)(18,22)(21,32)(24,26)(28,30), (1,2)(3,17)(4,20)(5,22)(6,10)(7,11)(8,14)(9,16)(12,32)(13,28)(15,30)(18,31)(19,24)(21,26)(23,29)(25,27)]) \cong D32$

$N_1 = Group([(1,2)(3,17)(4,20)(5,22)(6,10)(7,11)(8,14)(9,16)(12,32)(13,28)(15,30)(18,31)(19,24)(21,26)(23,29)(25,27), (1,3)(2,7)(4,23)(5,25)(6,13)(8,27)(9,29)(10,19)(11,14)(12,16)(15,31)(17,20)(18,22)(21,32)(24,26)(28,30), (1,4,16,26,6,15,5,14)(2,8,22,30,10,21,9,20)(3,11,25,31,13,24,12,23)(7,17,29,32,19,28,18,27), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32)]) \cong D32$
$N_2 = Group([(1,2)(3,17)(4,20)(5,22)(6,10)(7,11)(8,14)(9,16)(12,32)(13,28)(15,30)(18,31)(19,24)(21,26)(23,29)(25,27), (1,3)(2,7)(4,23)(5,25)(6,13)(8,27)(9,29)(10,19)(11,14)(12,16)(15,31)(17,20)(18,22)(21,32)(24,26)(28,30), (1,4,16,26,6,15,5,14)(2,8,22,30,10,21,9,20)(3,11,25,31,13,24,12,23)(7,17,29,32,19,28,18,27), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32)]) \cong D32$
$N_3 = Group([(1,3)(2,7)(4,23)(5,25)(6,13)(8,27)(9,29)(10,19)(11,14)(12,16)(15,31)(17,20)(18,22)(21,32)(24,26)(28,30), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32)]) \cong C2 \times C2$
$N_4 = Group([(1,2)(3,17)(4,20)(5,22)(6,10)(7,11)(8,14)(9,16)(12,32)(13,28)(15,30)(18,31)(19,24)(21,26)(23,29)(25,27), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32)]) \cong C2 \times C2$
$N_5 = Group([(1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,2)(3,17)(4,20)(5,22)(6,10)(7,11)(8,14)(9,16)(12,32)(13,28)(15,30)(18,31)(19,24)(21,26)(23,29)(25,27), (1,3)(2,7)(4,23)(5,25)(6,13)(8,27)(9,29)(10,19)(11,14)(12,16)(15,31)(17,20)(18,22)(21,32)(24,26)(28,30)]) \cong D32$
$N_6 = Group([(1,3)(2,7)(4,23)(5,25)(6,13)(8,27)(9,29)(10,19)(11,14)(12,16)(15,31)(17,20)(18,22)(21,32)(24,26)(28,30), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32)]) \cong D8$
$N_7 = Group([(1,2)(3,17)(4,20)(5,22)(6,10)(7,11)(8,14)(9,16)(12,32)(13,28)(15,30)(18,31)(19,24)(21,26)(23,29)(25,27), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32)]) \cong D8$
$N_8 = Group([(1,15,16,14,6,4,5,26)(2,21,22,20,10,8,9,30)(3,24,25,23,13,11,12,31)(7,28,29,27,19,17,18,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,2)(3,17)(4,20)(5,22)(6,10)(7,11)(8,14)(9,16)(12,32)(13,28)(15,30)(18,31)(19,24)(21,26)(23,29)(25,27), (1,3)(2,7)(4,23)(5,25)(6,13)(8,27)(9,29)(10,19)(11,14)(12,16)(15,31)(17,20)(18,22)(21,32)(24,26)(28,30)]) \cong D32$
$N_9 = Group([(1,3)(2,7)(4,23)(5,25)(6,13)(8,27)(9,29)(10,19)(11,14)(12,16)(15,31)(17,20)(18,22)(21,32)(24,26)(28,30), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,4,16,26,6,15,5,14)(2,8,22,30,10,21,9,20)(3,11,25,31,13,24,12,23)(7,17,29,32,19,28,18,27)]) \cong D16$
$N_{10} = Group([(1,2)(3,17)(4,20)(5,22)(6,10)(7,11)(8,14)(9,16)(12,32)(13,28)(15,30)(18,31)(19,24)(21,26)(23,29)(25,27), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,4,16,26,6,15,5,14)(2,8,22,30,10,21,9,20)(3,11,25,31,13,24,12,23)(7,17,29,32,19,28,18,27)]) \cong D16$
$N_{11} = Group([(1,3)(2,7)(4,23)(5,25)(6,13)(8,27)(9,29)(10,19)(11,14)(12,16)(15,31)(17,20)(18,22)(21,32)(24,26)(28,30), (1,15,16,14,6,4,5,26)(2,21,22,20,10,8,9,30)(3,24,25,23,13,11,12,31)(7,28,29,27,19,17,18,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,2)(3,17)(4,20)(5,22)(6,10)(7,11)(8,14)(9,16)(12,32)(13,28)(15,30)(18,31)(19,24)(21,26)(23,29)(25,27)]) \cong D32$
$N_{12} = Group([(1,2)(3,17)(4,20)(5,22)(6,10)(7,11)(8,14)(9,16)(12,32)(13,28)(15,30)(18,31)(19,24)(21,26)(23,29)(25,27), (1,15,16,14,6,4,5,26)(2,21,22,20,10,8,9,30)(3,24,25,23,13,11,12,31)(7,28,29,27,19,17,18,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,3)(2,7)(4,23)(5,25)(6,13)(8,27)(9,29)(10,19)(11,14)(12,16)(15,31)(17,20)(18,22)(21,32)(24,26)(28,30)]) \cong D32$
$N_{13} = Group([(1,17,4,29,16,32,26,19,6,28,15,18,5,27,14,7)(2,11,8,25,22,31,30,13,10,24,21,12,9,23,20,3), (1,15,16,14,6,4,5,26)(2,21,22,20,10,8,9,30)(3,24,25,23,13,11,12,31)(7,28,29,27,19,17,18,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,2)(3,17)(4,20)(5,22)(6,10)(7,11)(8,14)(9,16)(12,32)(13,28)(15,30)(18,31)(19,24)(21,26)(23,29)(25,27)]) \cong D32$
$N_{14} = Group([(1,2)(3,17)(4,20)(5,22)(6,10)(7,11)(8,14)(9,16)(12,32)(13,28)(15,30)(18,31)(19,24)(21,26)(23,29)(25,27), (1,3)(2,7)(4,23)(5,25)(6,13)(8,27)(9,29)(10,19)(11,14)(12,16)(15,31)(17,20)(18,22)(21,32)(24,26)(28,30), (1,15,16,14,6,4,5,26)(2,21,22,20,10,8,9,30)(3,24,25,23,13,11,12,31)(7,28,29,27,19,17,18,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32)]) \cong D32$