$L_2(16).2 \pmod 5$

	blocks	defect	matrix
$G:$	1	1	4×2
	2	1	4×2
	3	0	$30_1 = \chi_{2+}, \varphi_{2+}$
	4	0	$30_2 = \chi_{4+}, \varphi_{4+}$
	5	0	$30_3 = \chi_{6+}, \varphi_{6+}$
	6	0	$30_4 = \chi_{8+}, \varphi_{8+}$
	7	1	4×2

Block 1:	$\varphi_{1,0}$	$\varphi_{10,1}$
$1_1 = \chi_{1,0}$	1	.
$16_2 = \chi_{10,1}$	.	1
$17_4 = \chi_{12,1}$	1	1
$17_6 = \chi_{13,1}$	1	1

$\varphi_{1,0} = 1_1$
$\varphi_{10,1} = 16_2$

Block 2:	$\varphi_{1,1}$	$\varphi_{10,0}$
$1_2 = \chi_{1,1}$	1	.
$16_1 = \chi_{10,0}$	.	1
$17_3 = \chi_{12,0}$	1	1
$17_5 = \chi_{13,0}$	1	1

$\varphi_{1,1} = 1_2$
$\varphi_{10,0} = 16_1$

Block 7:	$\varphi_{11,0}$	$\varphi_{11,1}$
$17_1 = \chi_{11,0}$	1	.
$17_2 = \chi_{11,1}$	.	1
$34_1 = \chi_{14+}$	1	1
$34_2 = \chi_{16+}$	1	1

$\varphi_{11,0} = 17_1$
$\varphi_{11,1} = 17_2$