























































Label	Isogeny decomposition	A_{split}	N	Rank	$\text{End}(A_{\mathbb{Q}}) \otimes \mathbb{Q}$	$\text{GL}_2/\mathbb{Q}?$	$\text{End}(A_{\overline{\mathbb{Q}}}) \otimes \mathbb{Q}$	$\text{GL}_2/\overline{\mathbb{Q}}?$	A_{endo}	$\text{ST}(A)$	$\# \text{Jac}(C)$	$L^{(r)}(A, 1)/r!$
$\frac{\text{Imf}}{\text{db}}$ 1	$(4.4.2048.1-1.1-a)^2$	L_4	2^8	0	K_1	✓	$M_2(\mathbb{Q})$		L_4	E_4	2	0.134209147
$\frac{\text{Imf}}{\text{db}}$ 2	$32a \times 32a$	\mathbb{Q}	2^{10}	0	$M_2(\mathbb{Q})$		$M_2(K_1)$		K_1	$C_{2,1}$	4	0.429699114
$\frac{\text{Imf}}{\text{db}}$ 3	$32a \times 64a$	\mathbb{Q}	2^{11}	0	$\mathbb{Q} \times \mathbb{Q}$	✓	$M_2(K_1)$		L_1	$D_{2,1}$	10	0.607686314
$\frac{\text{Imf}}{\text{db}}$ 4	$32a \times 128a$	\mathbb{Q}	2^{12}	1	$\mathbb{Q} \times \mathbb{Q}$	✓	$\mathbb{Q} \times K_1$		K_1	$N(\text{U}(1) \times \text{SU}(2))$	6	0.571965202
$\frac{\text{Imf}}{\text{db}}$ 5	$32a \times 128b$	\mathbb{Q}	2^{12}	0	$\mathbb{Q} \times \mathbb{Q}$	✓	$\mathbb{Q} \times K_1$		K_1	$N(\text{U}(1) \times \text{SU}(2))$	6	0.636724875
$\frac{\text{Imf}}{\text{db}}$ 6	$32a \times 128c$	\mathbb{Q}	2^{12}	0	$\mathbb{Q} \times \mathbb{Q}$	✓	$\mathbb{Q} \times K_1$		K_1	$N(\text{U}(1) \times \text{SU}(2))$	6	0.900464954
$\frac{\text{Imf}}{\text{db}}$ 7	$32a \times 128d$	\mathbb{Q}	2^{12}	0	$\mathbb{Q} \times \mathbb{Q}$	✓	$\mathbb{Q} \times K_1$		K_1	$N(\text{U}(1) \times \text{SU}(2))$	6	0.935487667
$\frac{\text{Imf}}{\text{db}}$ 8	$64a \times 64a$	\mathbb{Q}	2^{12}	0	$M_2(\mathbb{Q})$		$M_2(K_1)$		K_1	$C_{2,1}$	4	0.859398227
$\frac{\text{Imf}}{\text{db}}$ 9	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-64.1-a)$	K_3	2^{12}	0	K_1	✓	$M_2(K_2)$		L_1	$J(C_2)$	3	0.793124183
$\frac{\text{Imf}}{\text{db}}$ 10	$(4.4.2048.1-16.1-a)^2$	L_4	2^{12}	0	K_1	✓	$M_2(\mathbb{Q})$		L_4	E_4	2	0.925318042
11	$32a \times 256a$	\mathbb{Q}	2^{13}	1	$\mathbb{Q} \times \mathbb{Q}$	✓	$K_1 \times K_2$		L_1	$F_{a,b}$	8	0.792780319
12	$32a \times 256b$	\mathbb{Q}	2^{13}	1	$\mathbb{Q} \times \mathbb{Q}$	✓	$M_2(K_1)$		M_2	$D_{4,2}$	4	0.87978529
13	$32a \times 256c$	\mathbb{Q}	2^{13}	0	$\mathbb{Q} \times \mathbb{Q}$	✓	$M_2(K_1)$		M_2	$D_{4,2}$	4	1.022002486
14	$32a \times 256d$	\mathbb{Q}	2^{13}	0	$\mathbb{Q} \times \mathbb{Q}$	✓	$K_1 \times K_2$		L_1	$F_{a,b}$	8	1.167569713
$\frac{\text{Imf}}{\text{db}}$ 15	$64a \times 128a$	\mathbb{Q}	2^{13}	1	$\mathbb{Q} \times \mathbb{Q}$	✓	$\mathbb{Q} \times K_1$		K_1	$N(\text{U}(1) \times \text{SU}(2))$	6	0.808880945
16	$64a \times 128b$	\mathbb{Q}	2^{13}	0	$\mathbb{Q} \times \mathbb{Q}$	✓	$\mathbb{Q} \times K_1$		K_1	$N(\text{U}(1) \times \text{SU}(2))$	6	0.900464954
$\frac{\text{Imf}}{\text{db}}$ 17	$64a \times 128c$	\mathbb{Q}	2^{13}	0	$\mathbb{Q} \times \mathbb{Q}$	✓	$\mathbb{Q} \times K_1$		K_1	$N(\text{U}(1) \times \text{SU}(2))$	6	1.27344975
18	$64a \times 128d$	\mathbb{Q}	2^{13}	0	$\mathbb{Q} \times \mathbb{Q}$	✓	$\mathbb{Q} \times K_1$		K_1	$N(\text{U}(1) \times \text{SU}(2))$	6	1.322979347
$\frac{\text{Imf}}{\text{db}}$ 19	$\text{Res}_{K_1/\mathbb{Q}}(2.0.4.1-512.1-a)$	K_1, K_3	2^{13}	0	\mathbb{Q}		$M_2(\mathbb{Q})$		L_1	$J(E_2)$	6	0.980190361
$\frac{\text{Imf}}{\text{db}}$ 20	$4.2.2048.1-32.1-a^* \times 4.2.2048.1-32.1-b^*$	L_2, \dots	2^{13}	0	\mathbb{Q}		$M_2(\mathbb{Q})$		M_2	$J(E_4)$	8	1.053463345
21	$128a \times 128a$	\mathbb{Q}	2^{14}	2	$M_2(\mathbb{Q})$		$M_2(\mathbb{Q})$		\mathbb{Q}	E_1	1	0.761333178
$\frac{\text{Imf}}{\text{db}}$ 22	$128a \times 128b$	\mathbb{Q}	2^{14}	1	$\mathbb{Q} \times \mathbb{Q}$	✓	$M_2(\mathbb{Q})$		K_2	$J(E_1)$	4	0.847533681





Label	Isogeny decomposition	A_{split}	N	Rank	$\text{End}(A_{\mathbb{Q}}) \otimes \mathbb{Q}$	$\text{GL}_2/\mathbb{Q}?$	$\text{End}(A_{\overline{\mathbb{Q}}}) \otimes \mathbb{Q}$	$\text{GL}_2/\overline{\mathbb{Q}}?$	A_{endo}	$\text{ST}(A)$	$\# \text{Jac}(C)$	$L^{(r)}(A, 1)/r!$
 23	128a \times 128c	\mathbb{Q}	2^{14}	1	$\mathbb{Q} \times \mathbb{Q}$	✓	$M_2(\mathbb{Q})$		K_1	$J(E_1)$	3	1.198593626
 24	128a \times 128d	\mathbb{Q}	2^{14}	1	$\mathbb{Q} \times \mathbb{Q}$	✓	$M_2(\mathbb{Q})$		K_3	$J(E_1)$	3	1.245211766
	25	128b \times 128b	\mathbb{Q}	2^{14}	0	$M_2(\mathbb{Q})$		$M_2(\mathbb{Q})$	\mathbb{Q}	E_1	1	0.943494072
 26	128b \times 128c	\mathbb{Q}	2^{14}	0	$\mathbb{Q} \times \mathbb{Q}$	✓	$M_2(\mathbb{Q})$		K_3	$J(E_1)$	3	1.334302112
 27	128b \times 128d	\mathbb{Q}	2^{14}	0	$\mathbb{Q} \times \mathbb{Q}$	✓	$M_2(\mathbb{Q})$		K_1	$J(E_1)$	3	1.386198503
	28	128c \times 128c	\mathbb{Q}	2^{14}	0	$M_2(\mathbb{Q})$		$M_2(\mathbb{Q})$	\mathbb{Q}	E_1	1	1.886988143
 29	128c \times 128d	\mathbb{Q}	2^{14}	0	$\mathbb{Q} \times \mathbb{Q}$	✓	$M_2(\mathbb{Q})$		K_2	$J(E_1)$	4	1.960380723
	30	128d \times 128d	\mathbb{Q}	2^{14}	0	$M_2(\mathbb{Q})$		$M_2(\mathbb{Q})$	\mathbb{Q}	E_1	1	2.036627835
	31	64a \times 256a	\mathbb{Q}	2^{14}	1	$\mathbb{Q} \times \mathbb{Q}$	✓	$K_1 \times K_2$	L_1	$F_{a,b}$	8	1.121160679
	32	64a \times 256b	\mathbb{Q}	2^{14}	1	$\mathbb{Q} \times \mathbb{Q}$	✓	$M_2(K_1)$	M_2	$D_{4,2}$	4	1.244204288
	33	64a \times 256c	\mathbb{Q}	2^{14}	0	$\mathbb{Q} \times \mathbb{Q}$	✓	$M_2(K_1)$	M_2	$D_{4,2}$	4	1.445329777
	34	64a \times 256d	\mathbb{Q}	2^{14}	0	$\mathbb{Q} \times \mathbb{Q}$	✓	$K_1 \times K_2$	L_1	$F_{a,b}$	8	1.651192923
 35	$\text{Res}_{K_1/\mathbb{Q}}(2.0.4.1-1024.1\text{-CMB})$	K_1, K_3	2^{14}	0	K_1	✓	$M_2(K_1)$		L_1	$J(C_2)$	2	1.215372628
 36	$\text{Res}_{K_2/\mathbb{Q}}(2.0.8.1-256.1\text{-CMB})$	K_2, K_3	2^{14}	0	K_2	✓	$M_2(K_2)$		L_1	$J(C_2)$	3	1.121646977
 37	$(4.4.2048.1-1.1\text{-a})^2$	L_4	2^{14}	0	K_1	✓	$M_2(\mathbb{Q})$		L_4	E_4	2	1.67761434
 38	$(4.4.2048.1-16.1\text{-a})^2$	L_4	2^{14}	0	K_1	✓	$M_2(\mathbb{Q})$		L_4	E_4	2	0.925318042
 39	4.2.2048.1-32.1-a* \times 4.2.2048.1-32.1-b*	L_2, \dots	2^{14}	0	\mathbb{Q}		$M_2(\mathbb{Q})$		M_2	$J(E_4)$	8	1.053463345
	40	128a \times 256a	\mathbb{Q}	2^{15}	2	$\mathbb{Q} \times \mathbb{Q}$	✓	$\mathbb{Q} \times K_2$	K_2	$N(\text{U}(1) \times \text{SU}(2))$	4	1.055256435
	41	128a \times 256b	\mathbb{Q}	2^{15}	2	$\mathbb{Q} \times \mathbb{Q}$	✓	$\mathbb{Q} \times K_1$	K_1	$N(\text{U}(1) \times \text{SU}(2))$	2	1.171067276
	42	128a \times 256c	\mathbb{Q}	2^{15}	1	$\mathbb{Q} \times \mathbb{Q}$	✓	$\mathbb{Q} \times K_1$	K_1	$N(\text{U}(1) \times \text{SU}(2))$	2	1.360370175
	43	128a \times 256d	\mathbb{Q}	2^{15}	1	$\mathbb{Q} \times \mathbb{Q}$	✓	$\mathbb{Q} \times K_2$	K_2	$N(\text{U}(1) \times \text{SU}(2))$	4	1.55413224
	44	128b \times 256a	\mathbb{Q}	2^{15}	1	$\mathbb{Q} \times \mathbb{Q}$	✓	$\mathbb{Q} \times K_2$	K_2	$N(\text{U}(1) \times \text{SU}(2))$	4	1.17473584
	45	128b \times 256b	\mathbb{Q}	2^{15}	1	$\mathbb{Q} \times \mathbb{Q}$	✓	$\mathbb{Q} \times K_1$	K_1	$N(\text{U}(1) \times \text{SU}(2))$	2	1.303659143
	46	128b \times 256c	\mathbb{Q}	2^{15}	0	$\mathbb{Q} \times \mathbb{Q}$	✓	$\mathbb{Q} \times K_1$	K_1	$N(\text{U}(1) \times \text{SU}(2))$	2	1.514395503
	47	128b \times 256d	\mathbb{Q}	2^{15}	0	$\mathbb{Q} \times \mathbb{Q}$	✓	$\mathbb{Q} \times K_2$	K_2	$N(\text{U}(1) \times \text{SU}(2))$	4	1.730095911
	48	128c \times 256a	\mathbb{Q}	2^{15}	1	$\mathbb{Q} \times \mathbb{Q}$	✓	$\mathbb{Q} \times K_2$	K_2	$N(\text{U}(1) \times \text{SU}(2))$	4	1.661327358










Label	Isogeny decomposition	A_{split}	N	Rank	$\text{End}(A_{\mathbb{Q}}) \otimes \mathbb{Q}$	$\text{GL}_2/\mathbb{Q}?$	$\text{End}(A_{\overline{\mathbb{Q}}}) \otimes \mathbb{Q}$	$\text{GL}_2/\overline{\mathbb{Q}}?$	A_{endo}	$\text{ST}(A)$	$\# \text{Jac}(C)$	$L^{(r)}(A, 1)/r!$
49	128c \times 256b	\mathbb{Q}	2^{15}	1	$\mathbb{Q} \times \mathbb{Q}$	✓	$\mathbb{Q} \times K_1$		K_1	$N(\text{U}(1) \times \text{SU}(2))$	2	1.843652441
50	128c \times 256c	\mathbb{Q}	2^{15}	0	$\mathbb{Q} \times \mathbb{Q}$	✓	$\mathbb{Q} \times K_1$		K_1	$N(\text{U}(1) \times \text{SU}(2))$	2	2.141678659
51	128c \times 256d	\mathbb{Q}	2^{15}	0	$\mathbb{Q} \times \mathbb{Q}$	✓	$\mathbb{Q} \times K_2$		K_2	$N(\text{U}(1) \times \text{SU}(2))$	4	2.446725101
52	128d \times 256a	\mathbb{Q}	2^{15}	1	$\mathbb{Q} \times \mathbb{Q}$	✓	$\mathbb{Q} \times K_2$		K_2	$N(\text{U}(1) \times \text{SU}(2))$	4	1.725943079
53	128d \times 256b	\mathbb{Q}	2^{15}	1	$\mathbb{Q} \times \mathbb{Q}$	✓	$\mathbb{Q} \times K_1$		K_1	$N(\text{U}(1) \times \text{SU}(2))$	2	1.91535952
54	128d \times 256c	\mathbb{Q}	2^{15}	0	$\mathbb{Q} \times \mathbb{Q}$	✓	$\mathbb{Q} \times K_1$		K_1	$N(\text{U}(1) \times \text{SU}(2))$	2	2.22497718
55	128d \times 256d	\mathbb{Q}	2^{15}	0	$\mathbb{Q} \times \mathbb{Q}$	✓	$\mathbb{Q} \times K_2$		K_2	$N(\text{U}(1) \times \text{SU}(2))$	4	2.541888108
 56	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-512.1-a)$	K_3	2^{15}	0	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	4	1.426909103
 57	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-512.1-b)$	K_3	2^{15}	0	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	4	1.544248813
 58	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-512.1-e)$	K_3	2^{15}	1	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	4	1.641881001
 59	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-512.1-f)$	K_3	2^{15}	0	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	4	1.169557754
60	4.0.512.1-4096.1-a* \times 4.0.512.1-4096.1-b*	L_7, \dots	2^{15}	0	\mathbb{Q}		$\text{M}_2(\mathbb{Q})$		M_3	$J(E_4)$	4	1.924003071
61	4.0.512.1-4096.1-a* \times 4.0.512.1-4096.1-b*	L_7, \dots	2^{15}	1	\mathbb{Q}		$\text{M}_2(\mathbb{Q})$		M_3	$J(E_4)$	4	1.338415595
 62	256a \times 256a	\mathbb{Q}	2^{16}	2	$\text{M}_2(\mathbb{Q})$		$\text{M}_2(K_2)$		K_2	$C_{2,1}$	2	1.462652852
63	256a \times 256b	\mathbb{Q}	2^{16}	2	$\mathbb{Q} \times \mathbb{Q}$	✓	$K_1 \times K_2$		L_1	$F_{a,b}$	4	1.623174078
64	256a \times 256c	\mathbb{Q}	2^{16}	1	$\mathbb{Q} \times \mathbb{Q}$	✓	$K_1 \times K_2$		L_1	$F_{a,b}$	4	1.885559992
 65	256a \times 256d	\mathbb{Q}	2^{16}	1	$\mathbb{Q} \times \mathbb{Q}$	✓	$\text{M}_2(K_2)$		L_1	$D_{2,1}$	6	2.154126597
 66	256b \times 256b	\mathbb{Q}	2^{16}	2	$\text{M}_2(\mathbb{Q})$		$\text{M}_2(K_1)$		K_1	$C_{2,1}$	0	1.801311967
 67	256b \times 256c	\mathbb{Q}	2^{16}	1	$\mathbb{Q} \times \mathbb{Q}$	✓	$\text{M}_2(K_1)$		L_1	$D_{2,1}$	4	2.092493852
68	256b \times 256d	\mathbb{Q}	2^{16}	1	$\mathbb{Q} \times \mathbb{Q}$	✓	$K_1 \times K_2$		L_1	$F_{a,b}$	4	2.390534738
 69	256c \times 256c	\mathbb{Q}	2^{16}	0	$\text{M}_2(\mathbb{Q})$		$\text{M}_2(K_1)$		K_1	$C_{2,1}$	0	2.430745257
70	256c \times 256d	\mathbb{Q}	2^{16}	0	$\mathbb{Q} \times \mathbb{Q}$	✓	$K_1 \times K_2$		L_1	$F_{a,b}$	4	2.77696442
 71	256d \times 256d	\mathbb{Q}	2^{16}	0	$\text{M}_2(\mathbb{Q})$		$\text{M}_2(K_2)$		K_2	$C_{2,1}$	2	3.172496734
 72	$\text{Res}_{K_1/\mathbb{Q}}(2.0.4.1-4096.1-\text{CMB})$	K_1, K_3	2^{16}	0	K_1	✓	$\text{M}_2(K_1)$		L_1	$J(C_2)$	2	1.718796455
 73	$\text{Res}_{K_1/\mathbb{Q}}(2.0.4.1-4096.1-b)$	K_1, K_3	2^{16}	0	K_3	✓	$\text{M}_2(K_2)$		L_1	$D_{2,1}$	4	1.586248367










Label	Isogeny decomposition	A_{split}	N	Rank	$\text{End}(A_{\mathbb{Q}}) \otimes \mathbb{Q}$	$\text{GL}_2/\mathbb{Q}?$	$\text{End}(A_{\overline{\mathbb{Q}}}) \otimes \mathbb{Q}$	$\text{GL}_2/\overline{\mathbb{Q}}?$	A_{endo}	$\text{ST}(A)$	$\# \text{Jac}(C)$	$L^{(r)}(A, 1)/r!$
 74	$\text{Res}_{K_2/\mathbb{Q}}(2.0.8.1-1024.1-a)$	K_2, K_3	2^{16}	0	\mathbb{Q}		$M_2(\mathbb{Q})$		L_1	$J(E_2)$	4	1.386198503
 75	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-1024.1-a)$	K_3	2^{16}	0	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	4	1.654004438
 76	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-1024.1-b)$	K_3	2^{16}	1	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	4	2.082145936
 77	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-1024.1-e)$	K_3	2^{16}	1	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	4	2.022823243
 78	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-1024.1-h)$	K_3	2^{16}	0	K_1	✓	$M_2(\mathbb{Q})$		K_3	E_2	2	0.943494072
 79	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-1024.1-j)$	K_3	2^{16}	0	K_1	✓	$M_2(\mathbb{Q})$		K_3	E_2	2	2.036627835
 80	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-1024.1-l)$	K_3	2^{16}	0	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	4	1.790018989
81	$4.2.1024.1-4096.1-a^* \times 4.2.1024.1-4096.1-b^*$	L_6, \dots	2^{16}	0	\mathbb{Q}		$M_2(\mathbb{Q})$		M_3	$J(E_4)$	4	2.140426323
82	$4.2.1024.1-4096.1-a^* \times 4.2.1024.1-4096.1-b^*$	L_6, \dots	2^{16}	1	\mathbb{Q}		$M_2(\mathbb{Q})$		M_3	$J(E_4)$	4	1.671844993
 83	$\text{Res}_{K_1/\mathbb{Q}}(2.0.4.1-8192.1-a)$	K_1	2^{17}	1	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_1	$N(\text{SU}(2) \times \text{SU}(2))$	2	2.412692259
 84	$\text{Res}_{K_1/\mathbb{Q}}(2.0.4.1-8192.1-b)$	K_1	2^{17}	1	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_1	$N(\text{SU}(2) \times \text{SU}(2))$	2	2.490536883
 85	$\text{Res}_{K_1/\mathbb{Q}}(2.0.4.1-8192.1-e)$	K_1	2^{17}	1	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_1	$N(\text{SU}(2) \times \text{SU}(2))$	2	2.852066328
 86	$\text{Res}_{K_1/\mathbb{Q}}(2.0.4.1-8192.1-f)$	K_1	2^{17}	0	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_1	$N(\text{SU}(2) \times \text{SU}(2))$	2	2.139949425
 87	$\text{Res}_{K_2/\mathbb{Q}}(2.0.8.1-2048.1-a)$	K_2	2^{17}	1	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_2	$N(\text{SU}(2) \times \text{SU}(2))$	2	1.75451665
 88	$\text{Res}_{K_2/\mathbb{Q}}(2.0.8.1-2048.1-b)$	K_2	2^{17}	1	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_2	$N(\text{SU}(2) \times \text{SU}(2))$	2	1.866988473
 89	$\text{Res}_{K_2/\mathbb{Q}}(2.0.8.1-2048.1-e)$	K_2	2^{17}	1	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_2	$N(\text{SU}(2) \times \text{SU}(2))$	2	3.395306422
 90	$\text{Res}_{K_2/\mathbb{Q}}(2.0.8.1-2048.1-f)$	K_2	2^{17}	0	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_2	$N(\text{SU}(2) \times \text{SU}(2))$	2	2.422379626
 91	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-2048.1-a)$	K_3	2^{17}	0	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	2	1.621149711
 92	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-2048.1-b)$	K_3	2^{17}	1	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	2	2.414964091
 93	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-2048.1-c)$	K_3	2^{17}	1	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	2	2.627281319
 94	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-2048.1-d)$	K_3	2^{17}	0	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	2	1.375597308
 95	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-2048.1-e)$	K_3	2^{17}	0	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	2	2.197291476
 96	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-2048.1-f)$	K_3	2^{17}	1	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	2	2.611031462
 97	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-2048.1-g)$	K_3	2^{17}	0	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	2	1.945388369

Label	Isogeny decomposition	A_{split}	N	Rank	$\text{End}(A_{\mathbb{Q}}) \otimes \mathbb{Q}$	$\text{GL}_2/\mathbb{Q}?$	$\text{End}(A_{\overline{\mathbb{Q}}}) \otimes \mathbb{Q}$	$\text{GL}_2/\overline{\mathbb{Q}}?$	A_{endo}	$\text{ST}(A)$	$\# \text{Jac}(C)$	$L^{(r)}(A, 1)/r!$
lmfdb 98	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-2048.1-h)$	K_3	2^{17}	1	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	2	2.746768338
lmfdb 99	$\overline{\mathbb{Q}}$ -simple		2^{17}	0	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	4	2.720237481
lmfdb 100	$\overline{\mathbb{Q}}$ -simple		2^{17}	0	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	4	1.345773784
lmfdb 101	$\overline{\mathbb{Q}}$ -simple		2^{17}	0	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	4	2.691547569
lmfdb 102	$\overline{\mathbb{Q}}$ -simple		2^{17}	2	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	4	2.123919348
103	$\overline{\mathbb{Q}}$ -simple		2^{17}	1	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	4	2.213176835
104	$\overline{\mathbb{Q}}$ -simple		2^{17}	0	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	4	1.192999398
105	$\overline{\mathbb{Q}}$ -simple		2^{17}	0	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	4	3.516318419
106	$\overline{\mathbb{Q}}$ -simple		2^{17}	1	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	4	1.763521561
lmfdb 107	$\text{Res}_{K_1/\mathbb{Q}}(2.0.4.1-16384.1-CMc)$	K_1	2^{18}	2	?	?	$M_2(K_1)$?	?	0	3.142787775
lmfdb 108	$\text{Res}_{K_1/\mathbb{Q}}(2.0.4.1-16384.1-CMd)$	K_1	2^{18}	0	?	?	$M_2(K_1)$?	?	0	2.890659554
lmfdb 109	$\text{Res}_{K_1/\mathbb{Q}}(2.0.4.1-16384.1-CMf)$	K_1	2^{18}	0	?	?	$M_2(K_1)$?	?	0	2.044004973
lmfdb 110	$\text{Res}_{K_1/\mathbb{Q}}(2.0.4.1-16384.1-CMh)$	K_1	2^{18}	0	?	?	$M_2(K_1)$?	?	0	2.044004973
lmfdb 111	$\text{Res}_{K_1/\mathbb{Q}}(2.0.4.1-16384.1-a)$	K_1	2^{18}	2	K_3	✓	$M_2(\mathbb{Q})$		K_1	$J(E_1)$	1	3.267072692
lmfdb 112	$\text{Res}_{K_1/\mathbb{Q}}(2.0.4.1-16384.1-b)$	K_1	2^{18}	0	?	?	$M_2(\mathbb{Q})$?	?	0	1.924003071
lmfdb 113	$\text{Res}_{K_1/\mathbb{Q}}(2.0.4.1-16384.1-d)$	K_1	2^{18}	0	K_3	✓	$M_2(\mathbb{Q})$		K_1	$J(E_1)$	1	2.720951237
lmfdb 114	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-4096.1-a)$	K_3	2^{18}	0	K_3	✓	$M_2(\mathbb{Q})$		K_3	$J(E_1)$	1	2.297820699
lmfdb 115	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-4096.1-b)$	K_3	2^{18}	0	?	?	$M_2(\mathbb{Q})$?	?	0	0.812402299
lmfdb 116	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-4096.1-c)$	K_3	2^{18}	0	?	?	$M_2(\mathbb{Q})$?	?	0	2.140426323
lmfdb 117	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-4096.1-d)$	K_3	2^{18}	0	?	?	$M_2(\mathbb{Q})$?	?	0	1.513509967
lmfdb 118	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-4096.1-e)$	K_3	2^{18}	1	?	?	$M_2(K_1)$?	?	0	3.260382435
lmfdb 119	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-4096.1-f)$	K_3	2^{18}	0	?	?	$M_2(K_1)$?	?	0	1.718796455
lmfdb 120	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-4096.1-i)$	K_3	2^{18}	2	K_3	✓	$M_2(\mathbb{Q})$		K_3	$J(E_1)$	1	3.433425964
lmfdb 121	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-4096.1-j)$	K_3	2^{18}	0	?	?	$M_2(\mathbb{Q})$?	?	0	2.819677424

Label	Isogeny decomposition	A_{split}	N	Rank	$\text{End}(A_{\mathbb{Q}}) \otimes \mathbb{Q}$	$\text{GL}_2/\mathbb{Q}?$	$\text{End}(A_{\overline{\mathbb{Q}}}) \otimes \mathbb{Q}$	$\text{GL}_2/\overline{\mathbb{Q}}?$	A_{endo}	$\text{ST}(A)$	$\# \text{Jac}(C)$	$L^{(r)}(A, 1)/r!$
 122	$(4.0.256.1-1048576.1-a^*)^2$	L_1	2^{18}	1	\mathbb{Q}		$M_2(\mathbb{Q})$		L_1	$J(E_2)$	2	3.057022756
 123	$(4.2.1024.1-65536.1-a^*)^2$	L_6, \dots	2^{18}	0	K_3	✓	$M_2(K_2)$		M_3	$D_{4,2}$	2	4.486587907
 124	$(4.2.1024.1-65536.1-a^*)^2$	L_6, \dots	2^{18}	2	K_3	✓	$M_2(K_2)$		M_3	$D_{4,2}$	2	2.342106676
 125	$(4.4.2048.1-16384.1-a^*)^2$	L_4	2^{18}	2	K_1	✓	$M_2(\mathbb{Q})$		L_4	E_4	1	2.077318732
 126	$(4.4.2048.1-16384.1-a^*)^2$	L_4	2^{18}	0	K_1	✓	$M_2(\mathbb{Q})$		L_4	E_4	1	5.146086025
 127	$(4.4.2048.1-16384.1-b^*)^2$	L_4	2^{18}	0	K_1	✓	$M_2(\mathbb{Q})$		L_4	E_4	1	0.862624538
 128	$(4.4.2048.1-16384.1-b^*)^2$	L_4	2^{18}	0^*	K_1	✓	$M_2(\mathbb{Q})$		L_4	E_4	1	3.450498151
 129	$4.2.2048.1-16384.1-a^* \times 4.2.2048.1-16384.1-b^*$	L_2, \dots	2^{18}	1	\mathbb{Q}		$M_2(\mathbb{Q})$		M_2	$J(E_4)$	4	3.418554923
 130	$4.2.2048.1-16384.1-a^* \times 4.2.2048.1-16384.1-b^*$	L_2, \dots	2^{18}	1	\mathbb{Q}		$M_2(\mathbb{Q})$		M_2	$J(E_4)$	4	2.675411424
 131	$\overline{\mathbb{Q}}$ -simple		2^{18}	1	\mathbb{Q}		$B_6(\mathbb{Q})$		L_1	$J(E_2)$	4	3.198680541
132	$\overline{\mathbb{Q}}$ -simple		2^{18}	1	\mathbb{Q}		$B_6(\mathbb{Q})$		L_1	$J(E_2)$	4	3.187566868
133	$\overline{\mathbb{Q}}$ -simple		2^{18}	2	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	2.608931632
134	$\overline{\mathbb{Q}}$ -simple		2^{18}	1	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	4.344591613
135	$\overline{\mathbb{Q}}$ -simple		2^{18}	1	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	2.787344584
136	$\overline{\mathbb{Q}}$ -simple		2^{18}	0	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	2.661205084
137	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-8192.1-G^*)$	K_3	2^{19}	1	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	0	3.904270707
138	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-8192.1-H^*)$	K_3	2^{19}	1	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	0	3.798503809
139	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-8192.1-I^*)$	K_3	2^{19}	0	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	0	2.390466408
140	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-8192.1-J^*)$	K_3	2^{19}	0	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	0	0.93603293
141	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-8192.1-K^*)$	K_3	2^{19}	1	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	0	3.850801484
142	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-8192.1-L^*)$	K_3	2^{19}	0	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	0	1.549178897
143	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-8192.1-M^*)$	K_3	2^{19}	0^*	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	0	2.64750093
144	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-8192.1-N^*)$	K_3	2^{19}	1	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	0	3.24099914
145	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-8192.1-a^*)$	K_3	2^{19}	1	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	0	4.166533159
146	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-8192.1-b^*)$	K_3	2^{19}	1	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	0	3.990289603
147	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-8192.1-c^*)$	K_3	2^{19}	1	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	0	3.703242657

Label	Isogeny decomposition	A_{split}	N	Rank	$\text{End}(A_{\mathbb{Q}}) \otimes \mathbb{Q}$	$\text{GL}_2/\mathbb{Q}?$	$\text{End}(A_{\overline{\mathbb{Q}}}) \otimes \mathbb{Q}$	$\text{GL}_2/\overline{\mathbb{Q}}?$	A_{endo}	$\text{ST}(A)$	$\# \text{Jac}(C)$	$L^{(r)}(A, 1)/r!$
148	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-8192.1-d^*)$	K_3	2^{19}	1	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	0	3.349469815
149	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-8192.1-e^*)$	K_3	2^{19}	0	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	0	2.30393918
150	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-8192.1-f^*)$	K_3	2^{19}	1	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	0	3.896395552
151	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-8192.1-g^*)$	K_3	2^{19}	0	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	0	1.92669986
152	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-8192.1-j^*)$	K_3	2^{19}	1	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	0	3.477943788
153	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-8192.1-q^*)$	K_3	2^{19}	1	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	0	3.195374002
154	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-8192.1-r^*)$	K_3	2^{19}	0	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	0	2.267253394
155	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-8192.1-s^*)$	K_3	2^{19}	0	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	0	2.971739467
156	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-8192.1-t^*)$	K_3	2^{19}	1	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	0	3.279011096
157	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-8192.1-u^*)$	K_3	2^{19}	1	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	0	3.922064359
158	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-8192.1-v^*)$	K_3	2^{19}	1	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	0	4.229358371
159	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-8192.1-w^*)$	K_3	2^{19}	0	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	0	2.797071252
160	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-8192.1-x^*)$	K_3	2^{19}	2	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	0	4.370886924
 161	$\overline{\mathbb{Q}}$ -simple		2^{19}	0	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	1.621349005
 162	$\overline{\mathbb{Q}}$ -simple		2^{19}	0	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	3.318517443
 163	$\overline{\mathbb{Q}}$ -simple		2^{19}	0	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	2.693566774
 164	$\overline{\mathbb{Q}}$ -simple		2^{19}	1	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	4.512884023
165	$\overline{\mathbb{Q}}$ -simple		2^{19}	1	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	3.573158344
166	$\overline{\mathbb{Q}}$ -simple		2^{19}	2	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	4.315945199
167	$\overline{\mathbb{Q}}$ -simple		2^{19}	2	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	3.387000006
168	$\overline{\mathbb{Q}}$ -simple		2^{19}	0	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	3.24269801
169	$\overline{\mathbb{Q}}$ -simple		2^{19}	1	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	2.157707096
170	$\overline{\mathbb{Q}}$ -simple		2^{19}	0	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	4.205476928
171	$\overline{\mathbb{Q}}$ -simple		2^{19}	1	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	5.271861469
172	$\overline{\mathbb{Q}}$ -simple		2^{19}	0	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	1.250448067
173	$\overline{\mathbb{Q}}$ -simple		2^{19}	1	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	2.424547122
174	$\overline{\mathbb{Q}}$ -simple		2^{19}	0	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	2.500896135

Label	Isogeny decomposition	A_{split}	N	Rank	$\text{End}(A_{\mathbb{Q}}) \otimes \mathbb{Q}$	$\text{GL}_2/\mathbb{Q}?$	$\text{End}(A_{\overline{\mathbb{Q}}}) \otimes \mathbb{Q}$	$\text{GL}_2/\overline{\mathbb{Q}}?$	A_{endo}	$\text{ST}(A)$	$\# \text{Jac}(C)$	$L^{(r)}(A, 1)/r!$
175	$\overline{\mathbb{Q}}$ -simple		2^{19}	2	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	3.466411345
176	$\overline{\mathbb{Q}}$ -simple		2^{19}	1	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	4.44025885
177	$\overline{\mathbb{Q}}$ -simple		2^{19}	2	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	3.211994296
178	$\overline{\mathbb{Q}}$ -simple		2^{19}	1	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	3.019496046
179	$\overline{\mathbb{Q}}$ -simple		2^{19}	0	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	4.828713219
180	$\overline{\mathbb{Q}}$ -simple		2^{19}	1	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	3.804854188
 181	$\text{Res}_{K_2/\mathbb{Q}}(2.0.8.1-16384.1-a)$	K_2, K_3	2^{20}	2	?	?	$M_2(K_1)$?	?	0	5.855345308
 182	$\text{Res}_{K_2/\mathbb{Q}}(2.0.8.1-16384.1-b)$	K_2, K_3	2^{20}	0	?	?	$M_2(K_1)$?	?	0	2.044004973
183	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-16384.1-B^*)$	K_3	2^{20}	1	?	?	$M_2(\mathbb{Q})$?	?	0	4.735216952
 184	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-16384.1-C^*)$	K_3	2^{20}	2	K_3	✓	$M_2(\mathbb{Q})$		K_3	$J(E_1)$	1	5.615558684
 185	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-16384.1-E^*)$	K_3	2^{20}	0	K_3	✓	$M_2(\mathbb{Q})$		K_3	$J(E_1)$	1	2.617194648
 186	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-16384.1-F^*)$	K_3	2^{20}	0	?	?	$M_2(\mathbb{Q})$?	?	0	3.35522868
 187	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-16384.1-G^*)$	K_3	2^{20}	2	?	?	$M_2(\mathbb{Q})$?	?	0	5.185032858
188	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-16384.1-H^*)$	K_3	2^{20}	0	?	?	$M_2(\mathbb{Q})$?	?	0	2.10692669
 189	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-16384.1-I^*)$	K_3	2^{20}	0^*	?	?	$M_2(\mathbb{Q})$?	?	0	3.450498151
190	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-16384.1-K^*)$	K_3	2^{20}	0	?	?	$M_2(\mathbb{Q})$?	?	0	1.48982215
 191	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-16384.1-L^*)$	K_3	2^{20}	0	K_3	✓	$M_2(\mathbb{Q})$		K_3	$J(E_1)$	1	3.638832325
 192	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-16384.1-N^*)$	K_3	2^{20}	0	K_3	✓	$M_2(\mathbb{Q})$		K_3	$J(E_1)$	1	0.60996766
193	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-16384.1-a^*)$	K_3	2^{20}	2	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	0	5.393798017
194	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-16384.1-b^*)$	K_3	2^{20}	0	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	0	2.765192056
195	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-16384.1-c^*)$	K_3	2^{20}	1	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	0	5.152174972
196	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-16384.1-d^*)$	K_3	2^{20}	0	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	0	3.020943646
197	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-16384.1-e^*)$	K_3	2^{20}	1	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	0	4.825209324
198	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-16384.1-f^*)$	K_3	2^{20}	1	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	0	3.263371437
199	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-16384.1-g^*)$	K_3	2^{20}	0	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	0	1.955286054
200	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-16384.1-h^*)$	K_3	2^{20}	1	\mathbb{Q}		$\mathbb{Q} \times \mathbb{Q}$	✓	K_3	$N(\text{SU}(2) \times \text{SU}(2))$	0	4.444648275

Label	Isogeny decomposition	A_{split}	N	Rank	$\text{End}(A_{\mathbb{Q}}) \otimes \mathbb{Q}$	$\text{GL}_2/\mathbb{Q}?$	$\text{End}(A_{\overline{\mathbb{Q}}}) \otimes \mathbb{Q}$	$\text{GL}_2/\overline{\mathbb{Q}}?$	A_{endo}	$\text{ST}(A)$	$\# \text{Jac}(C)$	$L^{(r)}(A, 1)/r!$
201	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-16384.1-q^*)$	K_3	2^{20}	1	?	?	$M_2(K_1)$?	?	0	4.509133116
202	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-16384.1-s^*)$	K_3	2^{20}	1	?	?	$M_2(K_1)$?	?	0	4.393484679
 203	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-16384.1-u^*)$	K_3	2^{20}	0	?	?	$M_2(K_1)$?	?	0	2.044004973
 204	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-16384.1-v^*)$	K_3	2^{20}	0	?	?	$M_2(K_1)$?	?	0	2.890659554
205	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-16384.1-y^*)$	K_3	2^{20}	1	?	?	$M_2(\mathbb{Q})$?	?	0	3.906253201
 206	$\text{Res}_{K_3/\mathbb{Q}}(2.2.8.1-16384.1-z^*)$	K_3	2^{20}	0	?	?	$M_2(\mathbb{Q})$?	?	0	1.850636083
207	$(4.2.2048.1-262144.1-c^*)^2$	L_2, \dots	2^{20}	1	\mathbb{Q}		$M_2(K_2)$		M_2	$D_{4,1}$	2	4.711863357
 208	$(4.4.2048.1-262144.1-a^*)^2$	L_4	2^{20}	0	K_1	✓	$M_2(\mathbb{Q})$		L_4	E_4	1	1.624804598
 209	$(4.4.2048.1-262144.1-a^*)^2$	L_4	2^{20}	0*	K_1	✓	$M_2(\mathbb{Q})$		L_4	E_4	1	3.249609196
 210	$(4.4.2048.1-262144.1-b^*)^2$	L_4	2^{20}	2	K_1	✓	$M_2(K_2)$		M_1	$J(C_4)$	1	3.457413594
 211	$(4.4.2048.1-262144.1-b^*)^2$	L_4	2^{20}	0	K_1	✓	$M_2(K_2)$		M_1	$J(C_4)$	1	4.486587907
 212	$(4.4.2048.1-262144.1-c^*)^2$	L_4	2^{20}	2	K_1	✓	$M_2(\mathbb{Q})$		L_4	E_4	1	3.828014111
 213	$(4.4.2048.1-262144.1-c^*)^2$	L_4	2^{20}	0	K_1	✓	$M_2(\mathbb{Q})$		L_4	E_4	1	5.639354847
214	$4.0.2048.1-262144.1-a^* \times 4.0.2048.1-262144.1-b^*$	L_3, \dots	2^{20}	1	\mathbb{Q}		$M_2(K_2)$		M_2	$D_{4,1}$	2	4.192678169
215	$4.2.1024.1-1048576.1-a^* \times 4.2.1024.1-1048576.1-b^*$	L_6, \dots	2^{20}	1	\mathbb{Q}		$M_2(\mathbb{Q})$		M_3	$J(E_4)$	2	6.432872755
216	$4.2.1024.1-1048576.1-a^* \times 4.2.1024.1-1048576.1-b^*$	L_6, \dots	2^{20}	1	\mathbb{Q}		$M_2(\mathbb{Q})$		M_3	$J(E_4)$	2	2.8278417
217	$4.2.1024.1-1048576.1-c^* \times 4.2.1024.1-1048576.1-d^*$	L_6, \dots	2^{20}	1	\mathbb{Q}		$M_2(\mathbb{Q})$		M_3	$J(E_4)$	2	2.094887677
218	$4.2.1024.1-1048576.1-c^* \times 4.2.1024.1-1048576.1-d^*$	L_6, \dots	2^{20}	1	\mathbb{Q}		$M_2(\mathbb{Q})$		M_3	$J(E_4)$	2	8.422956632
219	$4.2.2048.1-262144.1-a^* \times 4.2.2048.1-262144.1-b^*$	L_2, \dots	2^{20}	0	\mathbb{Q}		$M_2(\mathbb{Q})$		M_2	$J(E_4)$	2	3.027019935
220	$4.2.2048.1-262144.1-a^* \times 4.2.2048.1-262144.1-b^*$	L_2, \dots	2^{20}	2	\mathbb{Q}		$M_2(\mathbb{Q})$		M_2	$J(E_4)$	2	4.857183713
221	$\overline{\mathbb{Q}}$ -simple		2^{20}	1	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	3.437194136
222	$\overline{\mathbb{Q}}$ -simple		2^{20}	1	\mathbb{Q}		L_5		L_5	F_{ac}	2	5.110338886
223	$\overline{\mathbb{Q}}$ -simple		2^{20}	1	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	6.583267814
224	$\overline{\mathbb{Q}}$ -simple		2^{20}	2	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	3.181370747
225	$\overline{\mathbb{Q}}$ -simple		2^{20}	1	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	4.858417663
226	$\overline{\mathbb{Q}}$ -simple		2^{20}	0	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	2.847463254

Label	Isogeny decomposition	A_{split}	N	Rank	$\text{End}(A_{\mathbb{Q}}) \otimes \mathbb{Q}$	$\text{GL}_2/\mathbb{Q}?$	$\text{End}(A_{\overline{\mathbb{Q}}}) \otimes \mathbb{Q}$	$\text{GL}_2/\overline{\mathbb{Q}}?$	A_{endo}	$\text{ST}(A)$	$\# \text{Jac}(C)$	$L^{(r)}(A, 1)/r!$
227	$\overline{\mathbb{Q}}$ -simple		2^{20}	1	\mathbb{Q}		L_5		L_5	F_{ac}	2	3.58110746
228	$\overline{\mathbb{Q}}$ -simple		2^{20}	2	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	4.375110587
229	$\overline{\mathbb{Q}}$ -simple		2^{20}	0	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	4.126613658
230	$\overline{\mathbb{Q}}$ -simple		2^{20}	1	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	4.052689859
231	$\overline{\mathbb{Q}}$ -simple		2^{20}	0	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	2.179041063
232	$\overline{\mathbb{Q}}$ -simple		2^{20}	1	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	1.925720147
233	$\overline{\mathbb{Q}}$ -simple		2^{20}	1	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	5.607070431
234	$\overline{\mathbb{Q}}$ -simple		2^{20}	0	\mathbb{Q}		\mathbb{Q}		\mathbb{Q}	$\text{USp}(4)$	2	2.179041063