

Supporting Information

A Double Helical 4H Assembly Pattern with Secondary Hierarchical Complexity in an Ag₇₀ Nanocluster Crystal

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Experimental Procedures

1. Chemicals.

All reagents and solvents were commercially purchased and used as received without further purification, including silver trifluoromethanesulfonate (AgCF_3SO_3 , 99%), 4-tert-butylbenzenethiol (TBBT, $\geq 99.99\%$), triphenylphosphine (TPP, $\geq 99.99\%$), glutathione (GSH, $\geq 99.99\%$), sodium hexafluoroantimonate (NaSbF_6 , $\geq 99.99\%$) sodium borohydride (NaBH_4 , $> 98\%$), methanol (HPLC grade, $\geq 99.9\%$), dichloromethane (HPLC grade, $\geq 99.9\%$). All glassware was cleaned with aqua regia ($\text{HCl}:\text{HNO}_3 = 3:1$ vol%), washed with nanopure water, and then dried in an oven prior to use.

2. Synthesis of $\text{Ag}_{70}(\text{TBBT})_{42}(\text{TPP})_5$ nanoclusters.

Synthesis of the $\text{Ag}_{70}(\text{TBBT})_{42}(\text{TPP})_5$ was performed by a two-step synthetic method.

(i) The synthesis of the precursor $\text{Ag}_m(\text{SG})_n$. AgCF_3SO_3 (128 mg, 0.5 mmol) was first dissolved in 10 mL of water added into the 50-mL single-neck round-bottom flask. Then, GSH (200 mg, 0.65 mmol), NaSbF_6 (129 mg, 0.5 mmol) and NaOH (40 mg, 1 mmol) was added into the mixture. After about 20 min, 2 mL of NaBH_4 aqueous solution (18.0 mg/mL) was added quickly into the solution under vigorous stirring. The color of the solution turned to black, and the reaction was continued for two hours.

(ii) Two-phase ligand exchange. The obtained aqueous solution of $\text{Ag}_m(\text{SG})_n$ was mixed with 15 mL CH_2Cl_2 and 0.4 mL TBBT. Then excess PPh_3 (262 mg, 1 mmol) was added to the mixed solvent. The solution was reacted for 12 h at room temperature with vigorous stirring. The nanoclusters were found to transfer from the water phase to the organic phase. Then, the water phase was removed. The crude product dissolved in CH_2Cl_2 was washed with methanol for three times to remove excess thiolate and other by-products. The Ag_{70} NCs were crystallized in $\text{CH}_2\text{Cl}_2/\text{CH}_3\text{OH}$, and black crystals were obtained for about one week. The yield of Ag_{70} cluster (crystal) is about 30% based on the Ag element.

The synthetic method of the $\text{Ag}_{70}(\text{TBBT})_{42}(\text{TPTP})_5$ and $\text{Ag}_{70}(\text{TBBT})_{42}(\text{TMTP})_5$ were same as that of $\text{Ag}_{70}(\text{TBBT})_{42}(\text{TPP})_5$, but the TPP ligand replaced by TPTP/TMTP in the synthesis process.

3. Characterization.

UV-Vis-NIR absorption spectrum of Ag_{70} NCs dissolved in CH_2Cl_2 were recorded using an Agilent 8453 diode array spectrometer, whose background correction was made using a CH_2Cl_2 blank.

X-ray photoelectron spectroscopy (XPS) measurements were performed on a Thermo ESCALAB 250 configured with a monochromated $\text{AlK}\alpha$ (1486.8 eV) 150W X-ray source, 0.5 mm circular spot size, a flood gun to counter charging effects, and the analysis chamber base pressure lower than 1×10^{-9} mbar. Data were collected with $\text{FAT}=20$ eV.

Electrospray ionization mass spectra (ESI-MS) were recorded using a Waters Xevo G2-XS Q ToF mass spectrometer. The source temperature maintained at 80 °C. The sample was directly infused into the chamber at 5 $\mu\text{L}/\text{min}$. ESI sample was prepared by dissolving it in $\text{CH}_2\text{Cl}_2/\text{CH}_3\text{OH}$ (0.1 mg/mL). CsOAc was added to enhance the ionization intensity of the Ag_{70} NCs.

Nuclear magnetic resonance (NMR) analysis was performed on a Digital FT-NMR Spectrometer (JNM-ECZ600R) operating at 600 MHz for ^1H , ^2H and ^{31}P NMR. CD_2Cl_2 was used as the solvent to dissolve ~10 mg clusters for ^1H and ^{31}P NMR, and CH_2Cl_2 was used as the solvent to dissolve ~10 mg clusters for ^2H NMR.

4. X-ray crystallographic determination of $\text{Ag}_{70}\text{-TPP}$ and $\text{Ag}_{70}\text{-TPTP}$.

$\text{Ag}_{70}\text{-TPP}$: The data collection for single crystal X-ray diffraction was carried out on a Bruker Smart APEX II CCD diffractometer at 170 K, using graphite-monochromatized Ga $K\alpha$ radiation ($\lambda = 1.34139 \text{ \AA}$). Data reductions and absorption corrections were performed using the SAINT and SADABS programs, respectively. The structure was solved by direct methods and refined with full-matrix least squares on F^2 using the SHELXTL software package. All non-hydrogen atoms were refined anisotropically, and all hydrogen atoms were set in geometrically calculated positions and refined isotropically using a riding model. The data were corrected for delocalized electron density using the SQUEEZE procedure as implemented in PLATON. SQUEEZE was used to mask some solvent molecules (CH_2Cl_2 and CH_3OH) that could not be modelled.

$\text{Ag}_{70}\text{-TPTP}$: Single crystal X-ray diffraction (SCXRD) was carried out on a Stoe Stadivari diffractometer under liquid nitrogen flow at 120 K using graphite-monochromatized Cu $K\alpha$ radiation ($\lambda = 1.54186 \text{ \AA}$).

Figures and Tables

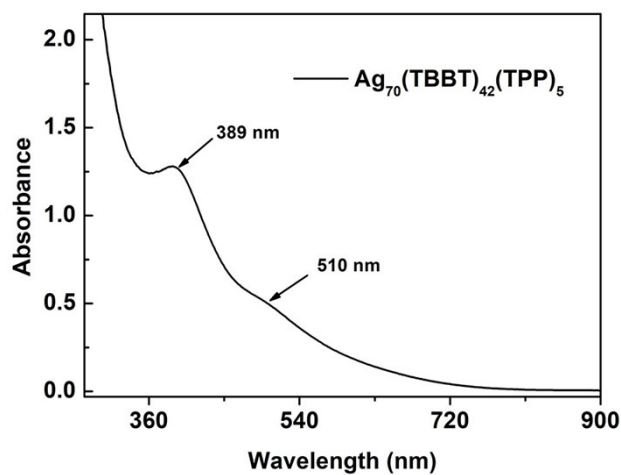


Figure S1. UV-vis spectrum of Ag_{70} -TPP. (Ag_{70} -TPP crystals dissolved in CH_2Cl_2 solvent with a concentration of $\sim 6 \mu\text{mol/L}$.)

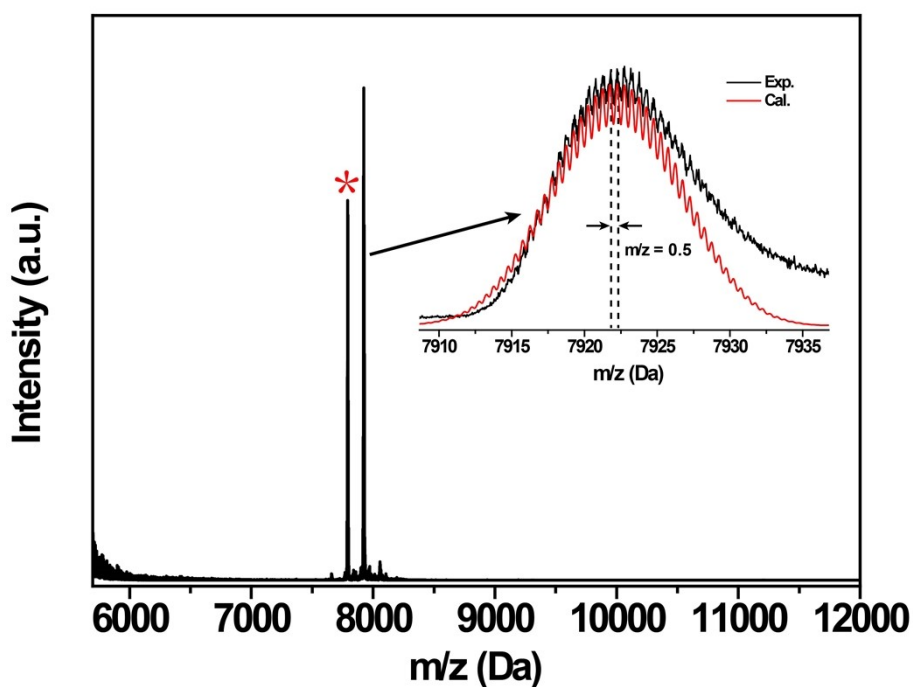


Figure S2. (a) ESI-MS spectrum of Ag_{70} -TPP in positive mode. (Inset: experimental data (black) and the simulated spectra (red), and * indicates the loss of one $-\text{PPh}_3$ ligand, that is $\text{Ag}_{70}(\text{TBBT})_{42}(\text{TPP})_4$.)

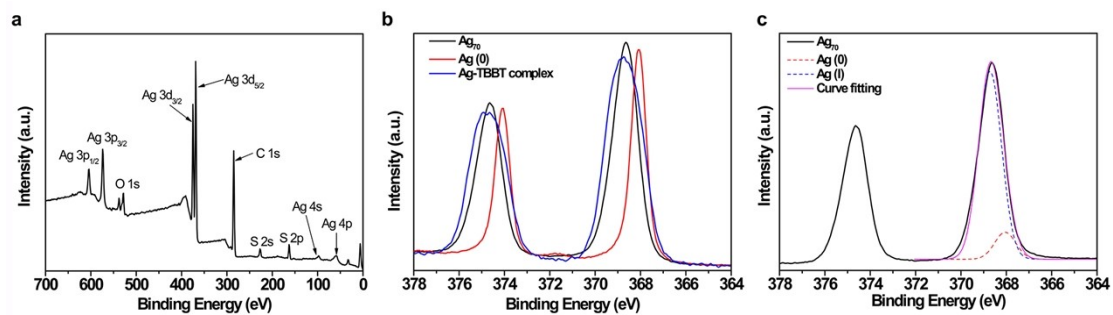


Figure S3. (a) XPS spectrum of $\text{Ag}_{70}\text{-TPP}$, (b) Ag 3d spectra of $\text{Ag}_{70}\text{-TPP}$, Ag(0) nanoparticle, and Ag(I)-TBBT complex, and (c) peak fitting of Ag 3d spectrum of $\text{Ag}_{70}\text{-TPP}$.

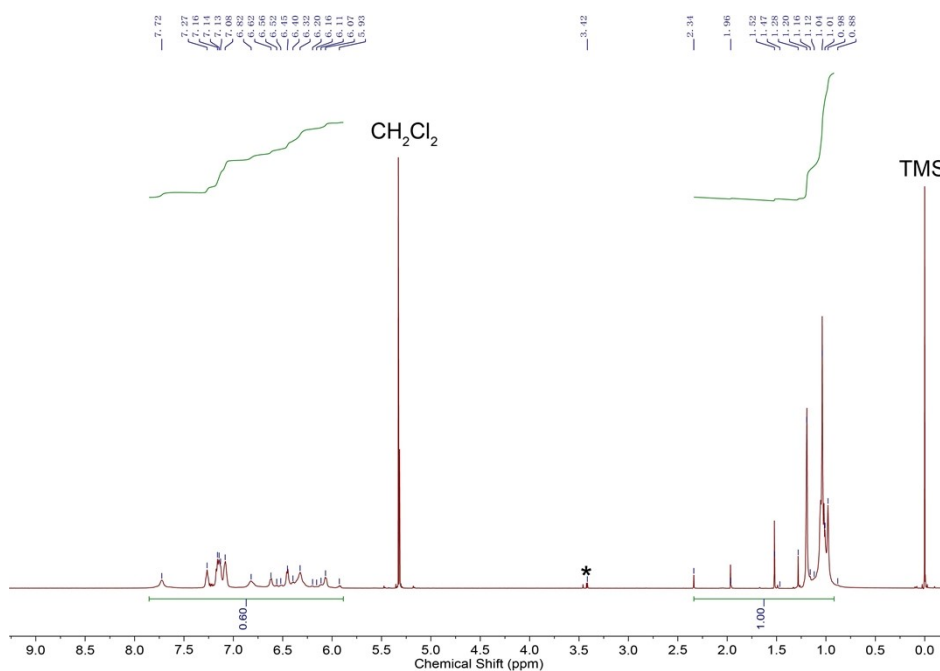


Figure S4. $^1\text{H-NMR}$ spectrum of $\text{Ag}_{70}\text{-TPP}$ nanocluster. (* belongs to methyl peak of residual CH_3OH solvent.)

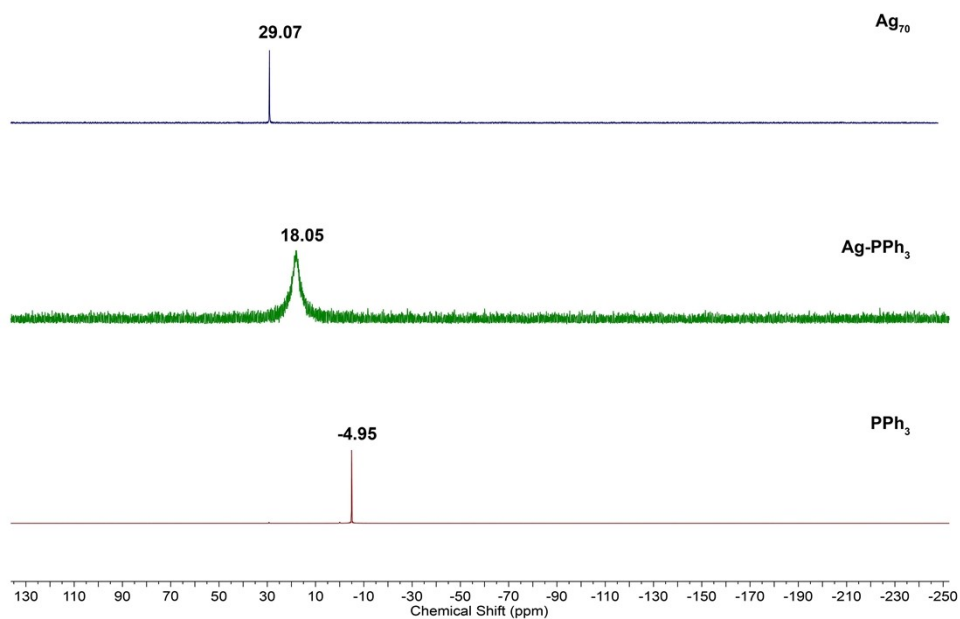


Figure S5. ^{31}P -NMR spectra of Ag_{70} -TPP, Ag-PPh_3 complex, and PPh_3 dissolved in CD_2Cl_2 .

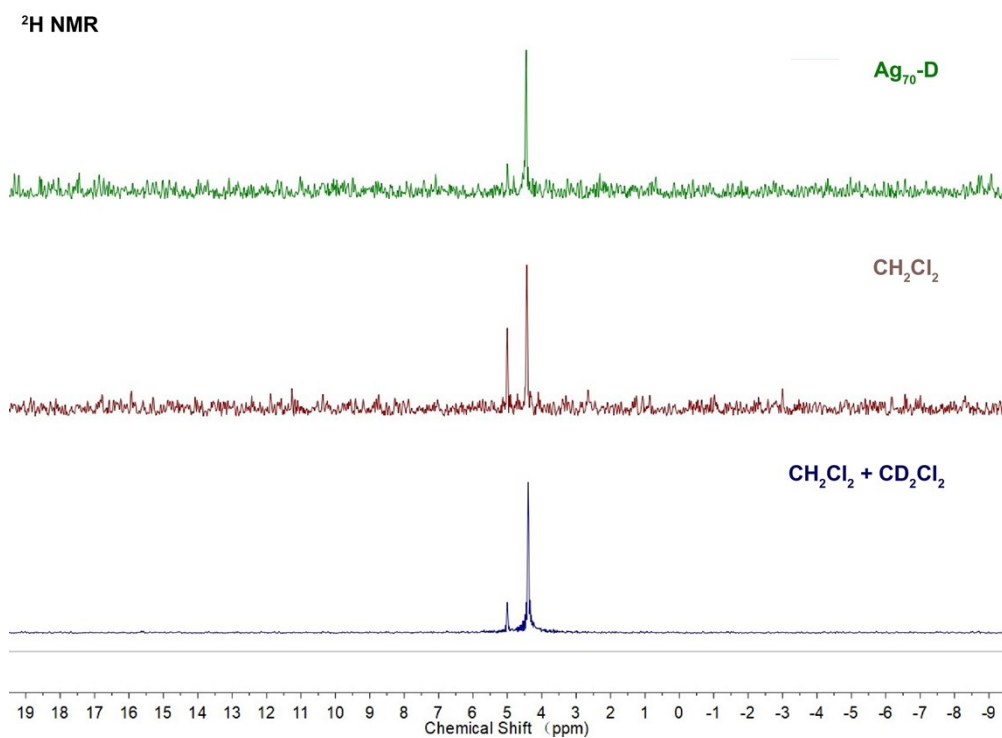


Figure S6. ^2H NMR spectra of Ag_{70} -TPP, CH_2Cl_2 , and $\text{CH}_2\text{Cl}_2 + \text{CD}_2\text{Cl}_2$ solvents. All exhibit identical signals at 4.3 and 5.0 ppm, indicating the absence of hydride ligands in Ag_{70} -TPP nanoclusters.

^1H and ^{31}P NMR spectroscopy were used to probe the chemical composition and the ligand environments of **Ag₇₀-TPP**. As shown in Figure S4, the chemical shifts of the peaks in the ^1H NMR spectrum ranging from 0.9 to 2.3 ppm were attributed to the methyl groups on the thiolate ligands, and those peaks ranging from 5.9-7.7 ppm were associated with the aromatic protons of the TBBT and PPh_3 ligands. The integral ratio of alkyl-H (0.9-2.3 ppm) to aromatic-H (5.9-7.7 ppm) is about 1 : 0.6, which close to the number ratio of H atoms in Ag_{70} cluster $[(9 * 42) : (15 * 5 + 4 * 42 = 1 : 0.64)]$. The ^{31}P -NMR spectrum of PPh_3 showed a single peak at -4.95 ppm. After combining with Ag in the Ag- PPh_3 complex, the peak in ^{31}P -NMR spectrum shifted from -4.95 ppm to 18.05 ppm. While the signal of PPh_3 anchoring on the Ag_{70} -TPP nanocluster further shifted to lower field at 29.07 ppm compared with free PPh_3 and Ag- PPh_3 complex (Figure S5). In addition, the single peak of ^{31}P in Ag_{70} -TPP nanocluster indicating the similar chemical environments of the five phosphine ligand on the cluster, which is consistent with the crystal structure. Finally, ^2H NMR spectra of **Ag₇₀-TPP** (and CH_2Cl_2 , and a mixture of CD_2Cl_2 and CH_2Cl_2) are shown in Figure S6. All of these samples exhibit identical signals at 4.3 and 5.0 ppm, indicating the absence of hydride ligands in Ag_{70} nanoclusters.

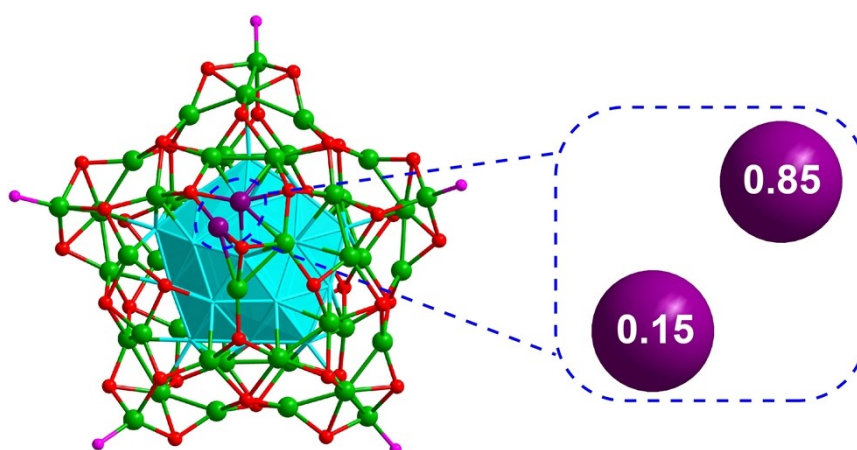


Figure S7. The 14th and 17th silver atoms in Ag_{70} nanocluster, (insert: partial enlarged view, and the Ag_{14} and Ag_{17} occupy 0.85 and 0.15 of one Ag atom, respectively).

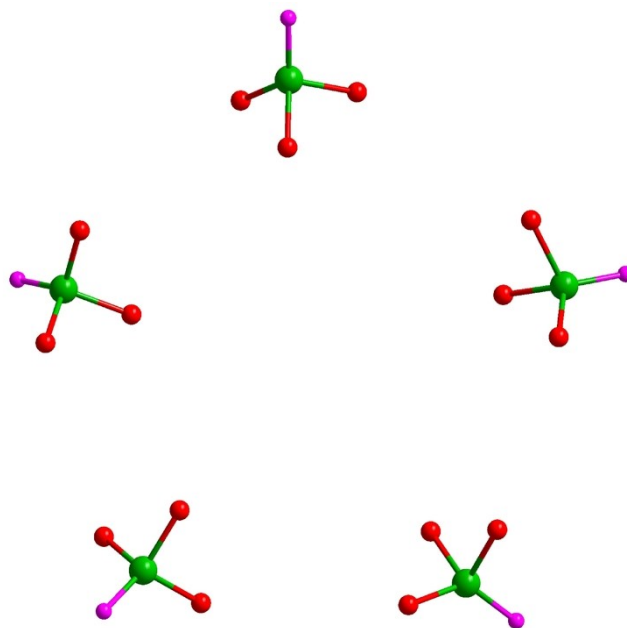


Figure S8. The connection mode of phosphine ligands in Ag_{70} nanoclusters.

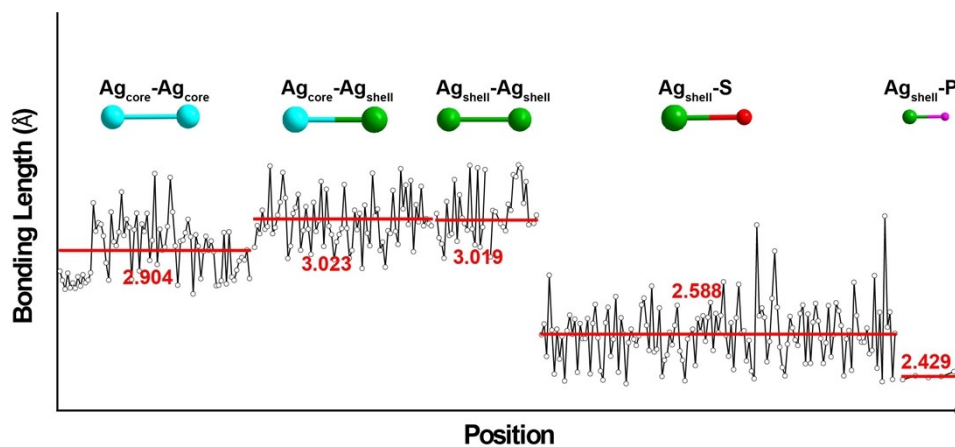


Figure S9. The bonding length distributions in the $\text{Ag}_{70}\text{-TPP}$ nanocluster.

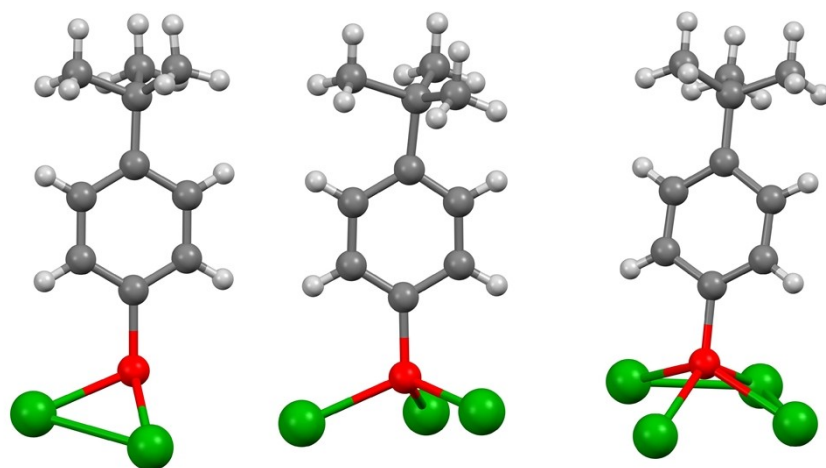


Figure S10. μ -2, μ -3, and μ -4 coordinated thiolates of Ag_{70} nanoclusters.

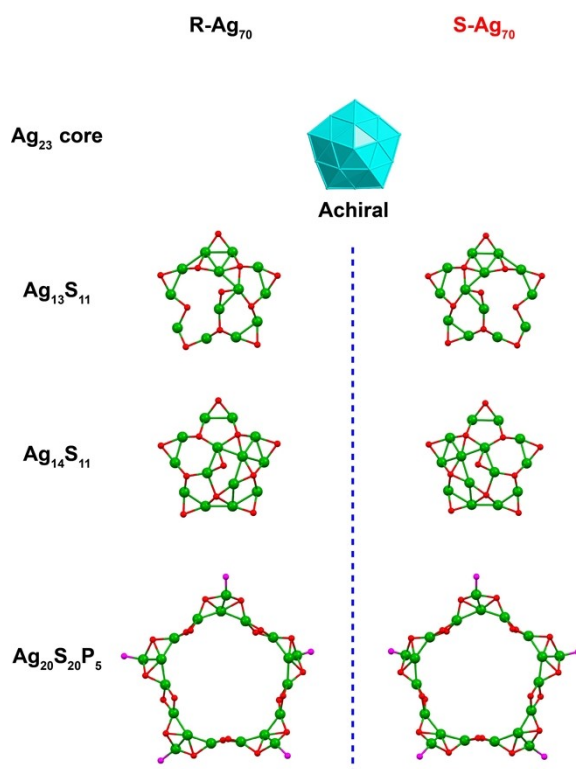


Figure S11. Achiral Ag_{23} core and chiral shell of Ag_{70} -TPP.

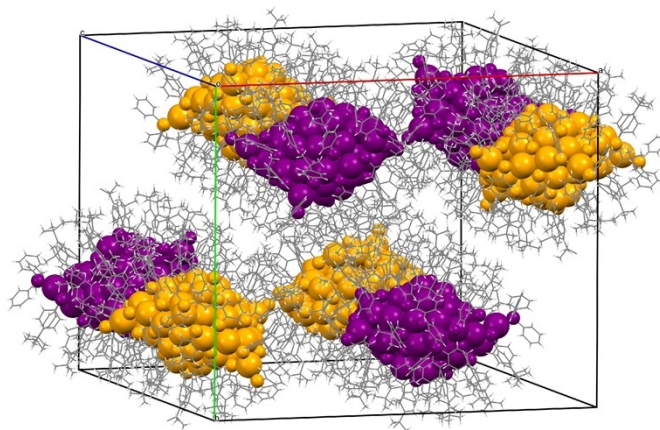


Figure S12. Four pairs of enantiomers in the unit cell (**R-Ag₇₀** with highlighted in purple, **S-Ag₇₀** highlighted with golden).

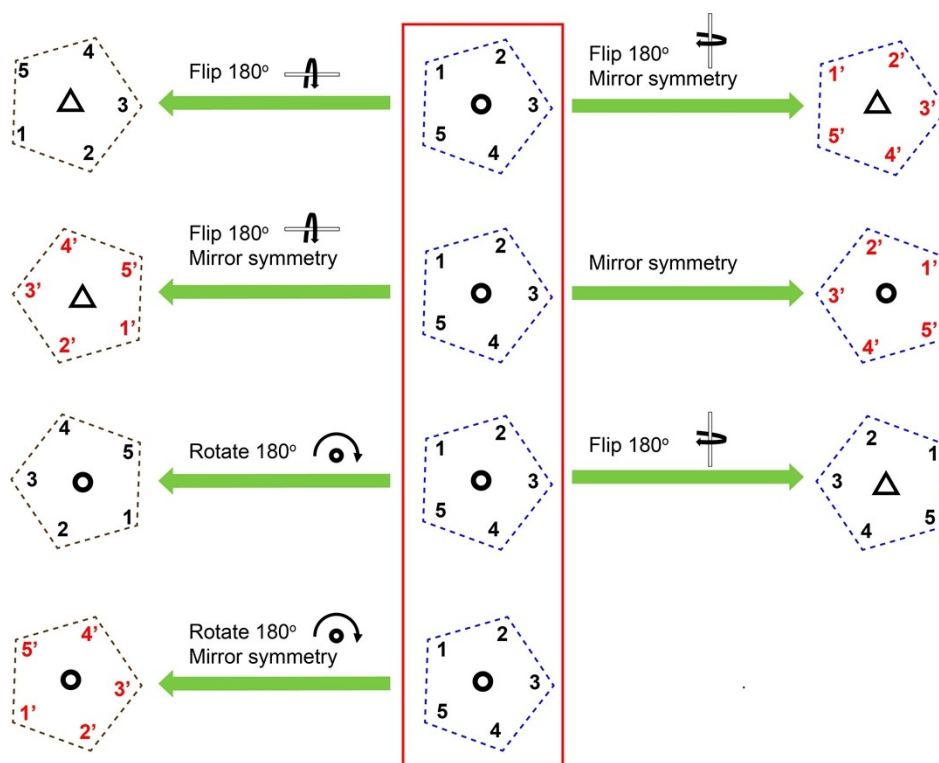


Figure S13. Diagram of the relationship between the eight molecules in the unit cell.

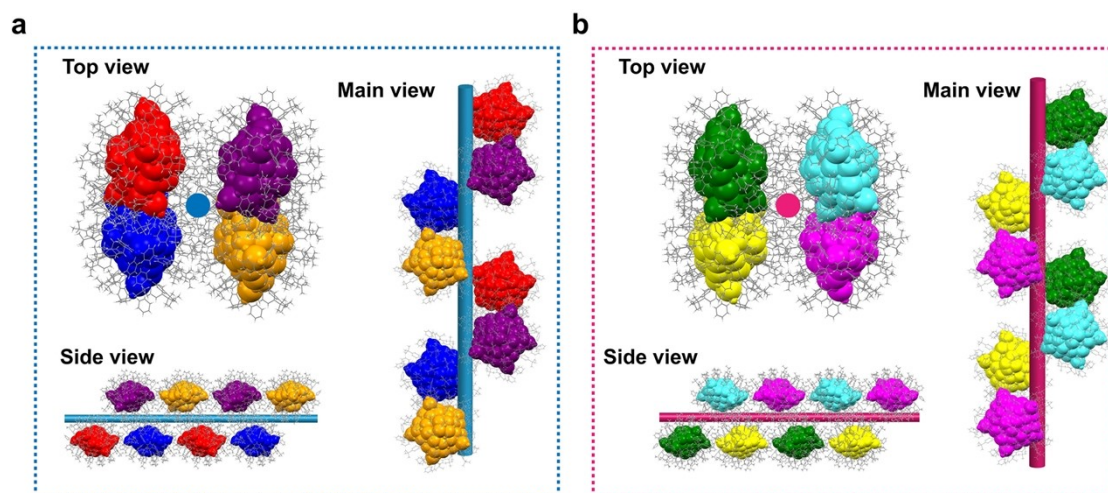


Figure S14. The three-views of two helical $\text{Ag}_{70}\text{-TPP}$. (a) left-handed, and (b) right-handed helix orientation.

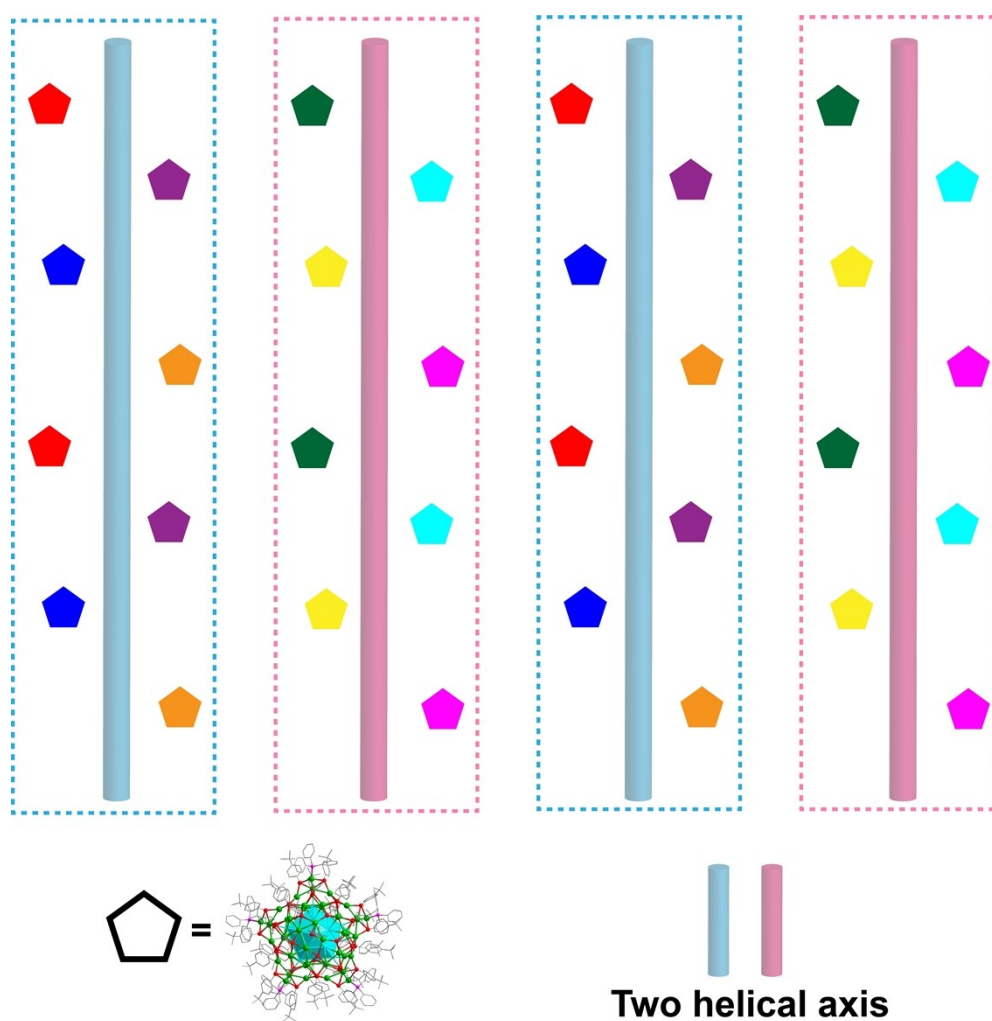


Figure S15. Two helical axis with opposite directions alternate arrangement.

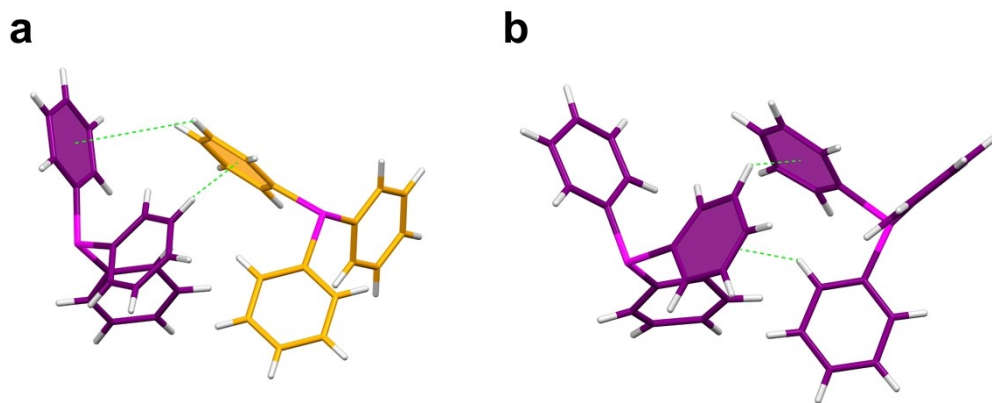


Figure S16. The C-H... π interactions of adjacent clusters with (a) the opposite chirality, (b) the same chirality.

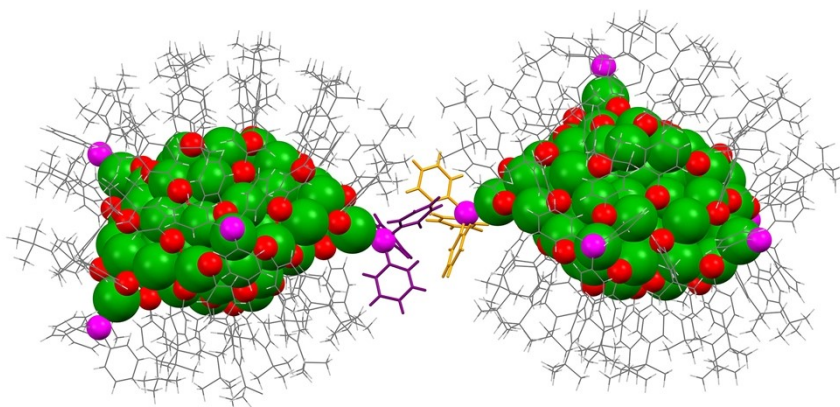


Figure S17. The distorted angle of Ag₇₀-TPP nanoclusters.

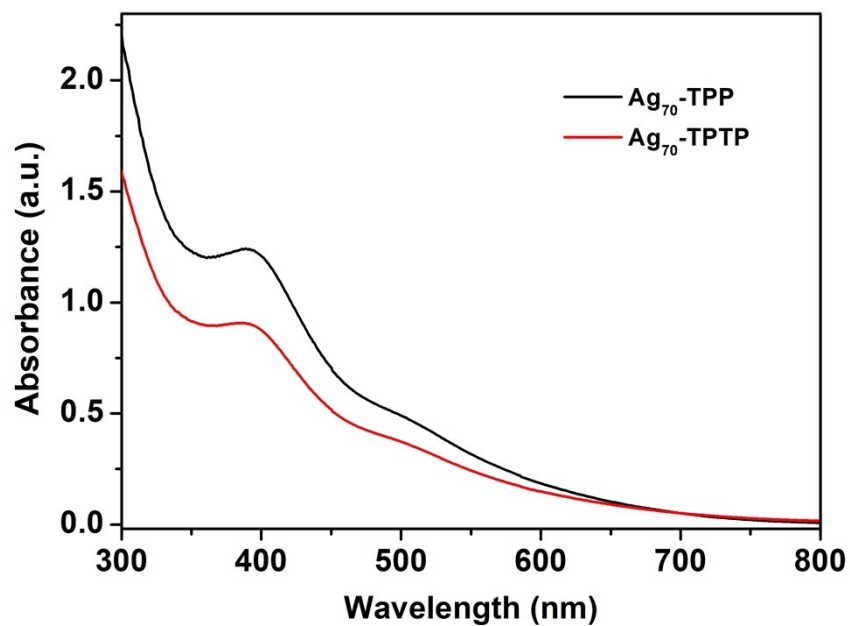


Figure S18. UV-vis spectra of Ag₇₀-TPP, and Ag₇₀-TPTP nanoclusters.

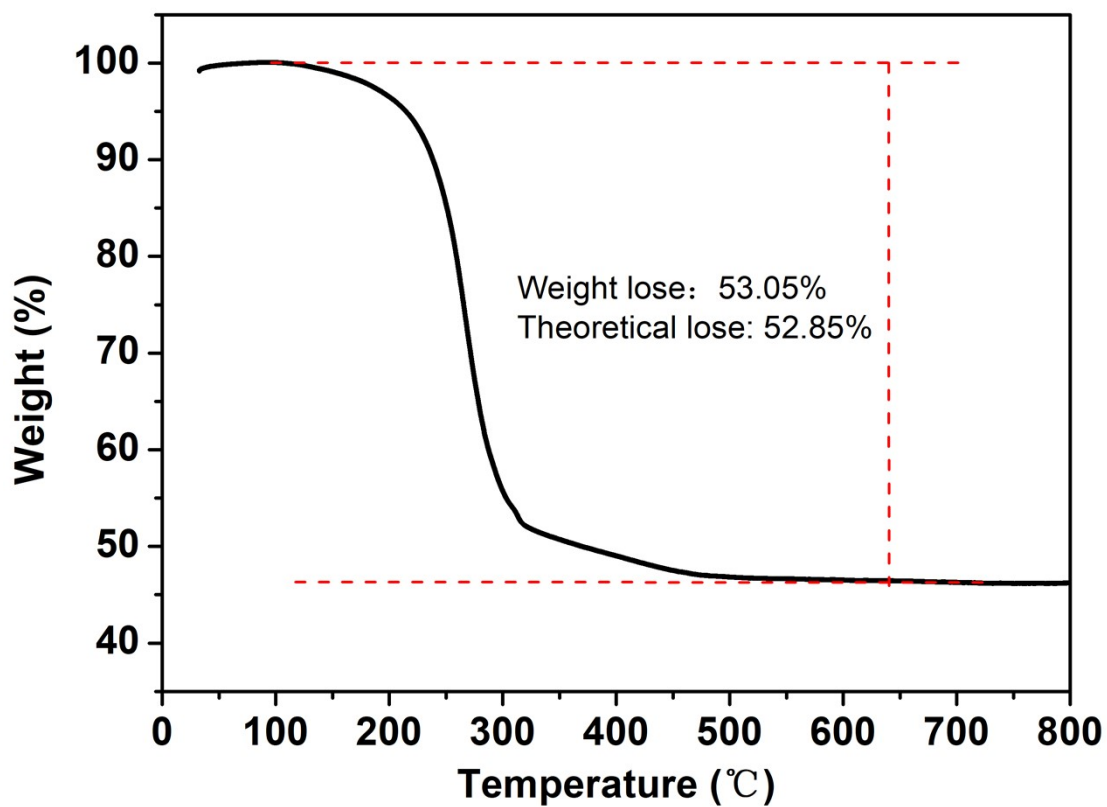


Figure S19. The TGA test of Ag₇₀-TPTP nanocluster.

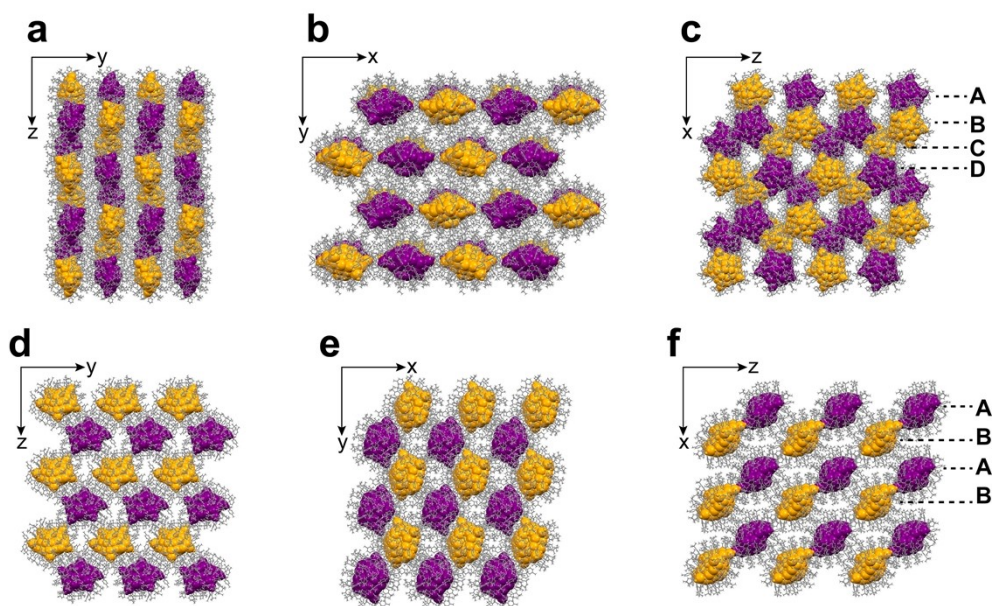


Figure S20. The self-assembly of $\text{Ag}_{70}\text{-TTP}$ clusters on different planes (a) (100), (b) (001), and (c) (010) planes. The self-assembly of $\text{Ag}_{70}\text{-TPTP}$ clusters on different planes (d) (100), (e) (001), and (f) (010) planes. (*R*-configuration NCs are shown in purple, and the *S*-configuration NCs are shown in golden.)

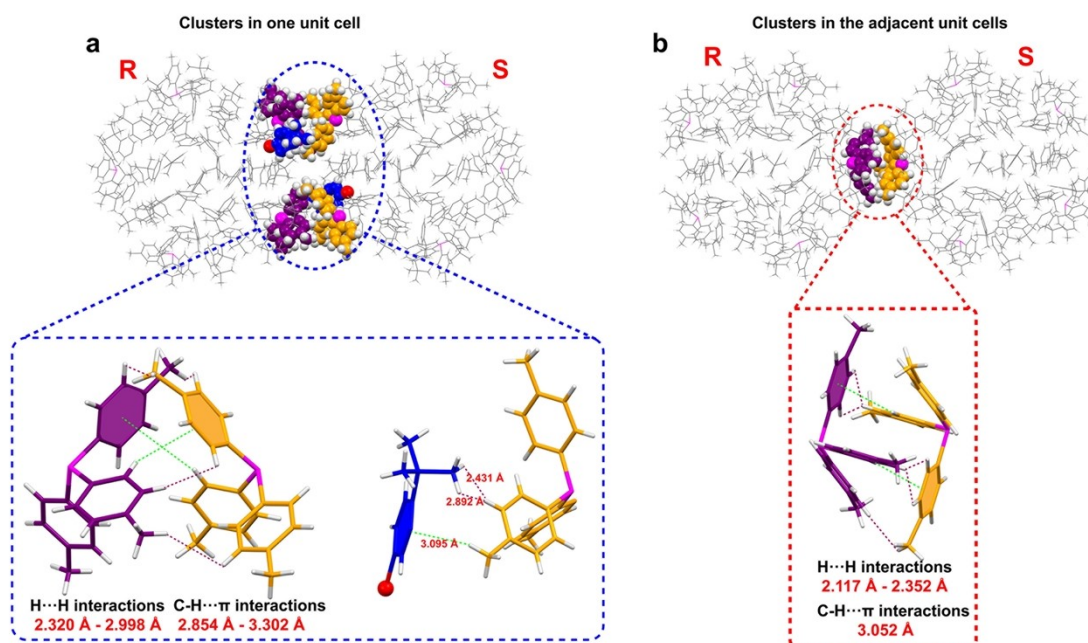


Figure S21. The interactions between ligands of two $\text{Ag}_{70}\text{-TPTP}$ clusters (a) in one unit cell, and (b) in the adjacent unit cells.

Table S1. Atomically precise nanoclusters with decahedral cores.¹⁻⁸

Formula	Core	Average Ag-Ag bond length of decahedral core (Å)
Ag ₇₀ (SR) ₄₂ (TPP) ₅ (this work)	Decahedral Ag ₂₃	2.904
Au ₁₀₂ (SR) ₄₄	Decahedral Au ₇	2.833
Au ₁₀₃ S ₂ (SR) ₄₁	Decahedral Au ₇	2.839
Au ₅₂ Cu ₇₂ (SR) ₅₅ ⁺	Decahedral Au ₅ Cu ₂	2.728
Ag ₁₃₆ (SR) ₆₄ Cl ₃ ⁻	Decahedral Ag ₅₄	2.870
Ag ₁₄₆ (SR) ₈₀ Br ₂	Decahedral Ag ₇	2.782
Ag ₂₀₆ (SR) ₆₈ F ₂ Cl ₂	Decahedral Ag ₇	2.873
Ag ₂₁₀ (SR) ₇₁ (TPP) ₅ Cl Ag ₂₁₁ (SR) ₇₁ (TPP) ₆ Cl	Decahedral Ag ₇	2.867
Au ₂₄₆ (SR) ₈₀	Decahedral Au ₇	2.854

Table S2. Comparison of helix parameters between Alpha-keratin,⁹ TMV,¹⁰ and Ag₇₀-TPP.

	Alpha-keratin	TMV	Ag ₇₀ -TPP
pitch	0.54 nm	2.3 nm	2.6 nm
core diameter	0.46 nm	4.0 nm	1.4 nm
number of units/pitch length	3.6	16.3	4

Table S3. Crystal data and structure refinement for **Ag₇₀-TPP**.

CCDC number	2053704	
Empirical formula	C ₅₃₀ H ₆₈₁ Ag ₇₀ Cl ₂₀ O ₁₀ P ₅ S ₄₂	
Formula weight	16973.41	
Temperature	170.15 K	
Wavelength	GaK α (λ = 1.34139 Å)	
Crystal system	Orthorhombic	
Space group	P bca	
Unit cell dimensions	a = 52.3137(13) Å	α = 90°.
	b = 43.7351(10) Å	β = 90°.
	c = 56.8946(14) Å	γ = 90°.
Volume	130172(5) Å ³	
Z	8	
Density (calculated)	1.732 Mg/m ³	
Absorption coefficient	12.119 mm ⁻¹	
F(000)	61744	
Crystal size	0.25 x 0.2 x 0.15 mm ³	
Theta range for data collection	5.872 to 110.146°.	
Index ranges	-63 ≤ h ≤ 63, -53 ≤ k ≤ 53, -69 ≤ l ≤ 56	
Reflections collected	899954	
Independent reflections	123852 [R(int) = 0.1103]	
Completeness to theta = 53.594°	99.8 %	
Max. and min. transmission	0.7508 and 0.2485	
Refinement method	Full-matrix-block least-squares on F ²	
Data / restraints / parameters	123853 / 134 / 5441	
Goodness-of-fit on F ²	1.208	
Final R indices [I > 2σ(I)]	R ₁ = 0.0992, wR ₂ = 0.2910	
R indices (all data)	R ₁ = 0.1188, wR ₂ = 0.3110	
Extinction coefficient	0.0000349(12)	
Largest diff. peak and hole	5.24 and -3.18 e.Å ⁻³	

Table S4. Crystal data and structure refinement for **Ag₇₀-TPTP**.

CCDC number	2053542
Empirical formula	C ₅₄₅ H ₇₁₁ Ag ₇₀ Cl ₂₀ O ₁₀ P ₅ S ₄₂
Formula weight	17183.37
Temperature/K	120
Crystal system	triclinic
Space group	P-1
a/Å	29.5179(5)
b/Å	31.2818(7)
c/Å	36.0436(6)
α/°	92.807(2)
β/°	94.5050(10)
γ/°	94.460(2)
Volume/Å ³	33027.6(11)
Z	2
Density (calculated)	1.728 Mg/m ³
μ/mm-1	17.862
F(000)	15676.0
Crystal size/mm ³	0.02 × 0.005 × 0.005
Radiation	CuKα (λ = 1.54186)
2θ range for data collection/°	6.87 to 129.998
Index ranges	-33 ≤ h ≤ 34, -29 ≤ k ≤ 36, -33 ≤ l ≤ 42
Reflections collected	222499
Independent reflections	106868 [Rint = 0.1044, Rsigma = 0.2954]
Data/restraints/parameters	106868/5491/4531
Goodness-of-fit on F ²	0.646
Final R indexes [I ≥ 2σ (I)]	R ₁ = 0.0926, wR ₂ = 0.2357
Final R indexes [all data]	R ₁ = 0.1899, wR ₂ = 0.2677
Largest diff. peak/hole / e Å ⁻³	3.31/-1.87

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Table S5. Bond Lengths for Ag₇₀-TPP.

Atom	Atom	Length/Å	Atom	Atom	Length/Å
Ag1	Ag2	2.7591(8)	C31	C32	1.37(3)
Ag1	Ag8	2.7616(10)	C32	C33	1.44(3)
Ag1	Ag9	2.7798(10)	C33	C34	1.36(2)
Ag1	Ag14	2.9751(14)	C33	C36	1.46(3)
Ag1	Ag15	3.0163(11)	C34	C35	1.34(2)
Ag1	Ag16	2.8813(13)	C36	C37	1.59(3)
Ag1	Ag17	2.974(19)	C36	C38	1.50(3)
Ag1	Ag19	2.8183(10)	C36	C497	1.44(3)
Ag1	Ag20	2.8269(10)	C39	C40	1.38(2)
Ag1	Ag21	2.7917(10)	C39	C44	1.40(2)
Ag2	Ag3	2.8111(8)	C40	C41	1.36(2)
Ag2	Ag4	3.0495(11)	C41	C42	1.35(2)
Ag2	Ag8	3.1257(10)	C42	C43	1.36(2)
Ag2	Ag9	2.9373(11)	C42	C45	1.59(3)
Ag2	Ag10	3.1792(11)	C43	C44	1.47(2)
Ag2	Ag19	3.0337(11)	C45	C46	1.54(3)
Ag2	Ag20	3.0053(11)	C45	C47	1.54(3)
Ag2	Ag21	2.9433(11)	C45	C48	1.62(3)
Ag2	Ag23	2.9926(11)	C49	C50	1.35(2)
Ag2	Ag39	2.9154(11)	C49	C54	1.44(2)
Ag2	Ag40	2.9047(10)	C50	C51	1.45(2)
Ag3	Ag4	2.7702(9)	C51	C52	1.41(3)
Ag3	Ag10	2.7931(10)	C52	C53	1.21(3)
Ag3	Ag23	2.7595(10)	C53	C54	1.46(3)
Ag3	Ag34	3.2143(12)	C55	C56	1.46(2)
Ag3	Ag39	2.7828(10)	C55	C60	1.38(2)
Ag3	Ag40	2.8038(11)	C56	C57	1.30(3)
Ag3	Ag49	3.2699(13)	C57	C58	1.34(3)
Ag3	Ag50	2.9047(10)	C58	C59	1.47(3)
Ag3	Ag51	2.9184(12)	C59	C60	1.37(2)
Ag4	Ag5	2.8999(11)	C61	C62	1.33(3)
Ag4	Ag6	2.7703(9)	C61	C66	1.41(2)
Ag4	Ag7	2.9047(11)	C62	C63	1.35(3)
Ag4	Ag8	3.0220(9)	C63	C64	1.45(3)
Ag4	Ag10	2.9410(11)	C64	C65	1.31(3)
Ag4	Ag23	2.9623(11)	C65	C66	1.39(2)
Ag4	Ag33	2.9766(12)	C67	C68	1.319(17)
Ag4	Ag34	2.9270(11)	C67	C72	1.47(2)

Ag4	Ag35	3.0008(12)	C68	C69	1.48(2)
Ag5	Ag6	2.8778(11)	C69	C70	1.36(2)
Ag5	Ag8	2.9620(11)	C70	C71	1.44(3)
Ag5	Ag9	2.9215(11)	C70	C73	1.557(17)
Ag5	Ag10	2.9733(10)	C71	C72	1.35(2)
Ag5	Ag12	2.8640(10)	C73	C74	1.545(17)
Ag5	Ag28	3.1690(11)	C73	C75	1.520(17)
Ag5	Ag29	3.0242(11)	C73	C76	1.517(17)
Ag5	Ag30	3.6400(15)	C77	C82	1.3900
Ag5	Ag35	3.1520(12)	C77	C78	1.3900
Ag5	Ag36	3.1960(11)	C82	C81	1.3900
Ag5	Ag69	3.3721(14)	C81	C80	1.3900
Ag6	Ag7	2.8688(11)	C80	C79	1.3900
Ag6	Ag8	2.7948(10)	C80	C83	1.552(12)
Ag6	Ag27	2.9645(11)	C79	C78	1.3900
Ag6	Ag28	2.8992(11)	C83	C84	1.532(13)
Ag6	Ag30	3.4552(16)	C83	C85	1.524(13)
Ag6	Ag31	2.9675(12)	C83	C86	1.536(13)
Ag6	Ag32	3.3715(17)	C87	C88	1.345(18)
Ag6	Ag33	2.9679(11)	C87	C92	1.428(18)
Ag6	Ag35	3.0594(11)	C88	C89	1.41(2)
Ag7	Ag8	2.9831(11)	C89	C90	1.35(2)
Ag7	Ag21	2.9826(12)	C90	C91	1.39(2)
Ag7	Ag23	2.9198(10)	C90	C93	1.543(16)
Ag7	Ag24	2.9057(11)	C91	C92	1.41(2)
Ag7	Ag26	2.9635(12)	C93	C94	1.518(17)
Ag7	Ag27	3.1541(11)	C93	C95	1.503(17)
Ag7	Ag32	3.5215(15)	C93	C96	1.533(17)
Ag7	Ag33	3.1308(12)	C97	C98	1.3900
Ag7	Ag64	3.0445(12)	C97	C102	1.3900
Ag8	Ag9	2.9719(11)	C98	C99	1.3900
Ag8	Ag15	3.1659(12)	C99	C100	1.3900
Ag8	Ag21	2.9905(12)	C100	C101	1.3900
Ag8	Ag27	2.9858(12)	C100	C103	1.540(15)
Ag8	Ag28	3.0768(12)	C101	C102	1.3900
Ag9	Ag10	3.0494(10)	C103	C104	1.488(16)
Ag9	Ag11	2.8578(10)	C103	C105	1.536(17)
Ag9	Ag12	2.7930(10)	C103	C106	1.540(16)
Ag9	Ag13	2.9983(12)	C107	C112	1.3900
Ag9	Ag14	2.8407(13)	C107	C108	1.3900

Ag9 Ag19	3.0099(11)	C112 C111	1.3900
Ag9 Ag29	2.9972(11)	C111 C110	1.3900
Ag10 Ag11	2.9711(11)	C110 C109	1.3900
Ag10 Ag12	2.7778(10)	C109 C108	1.3900
Ag10 Ag36	3.0338(12)	C113 C114	1.3900
Ag10 Ag37	3.0679(12)	C113 C118	1.3900
Ag10 Ag39	2.9707(11)	C114 C115	1.3900
Ag10 Ag51	3.3719(13)	C115 C116	1.3900
Ag11 Ag12	2.8297(10)	C116 C117	1.3900
Ag11 Ag13	3.1471(11)	C117 C118	1.3900
Ag11 Ag18	3.0605(11)	C119 C120	1.39(2)
Ag11 Ag19	3.0852(11)	C119 C124	1.36(2)
Ag11 Ag37	3.2439(12)	C120 C121	1.38(2)
Ag11 Ag38	3.0441(11)	C121 C122	1.31(2)
Ag11 Ag39	2.9425(11)	C122 C123	1.39(2)
Ag11 Ag42	2.7912(10)	C122 C125	1.546(15)
Ag11 Ag66	3.5897(15)	C123 C124	1.36(2)
Ag12 Ag13	3.0127(10)	C125 C126	1.487(16)
Ag12 Ag29	3.0050(9)	C125 C127	1.524(16)
Ag12 Ag36	2.9223(10)	C125 C128	1.549(16)
Ag12 Ag37	2.9794(10)	C129 C130	1.416(19)
Ag12 Ag67	3.5620(16)	C129 C134	1.343(18)
Ag12 Ag68	3.0553(12)	C130 C131	1.39(2)
Ag12 Ag69	3.2255(15)	C131 C132	1.47(2)
Ag13 Ag14	3.1665(16)	C132 C133	1.38(2)
Ag13 Ag18	3.2140(12)	C132 C135	1.51(2)
Ag13 Ag29	3.0376(12)	C133 C134	1.436(19)
Ag13 S2	2.554(3)	C135 C136	1.61(3)
Ag13 S31	2.710(3)	C135 C137	1.59(3)
Ag13 S36	2.564(3)	C135 C138	1.44(3)
Ag14 Ag15	3.0044(17)	C139 C140	1.38(2)
Ag14 Ag29	3.0860(17)	C139 C144	1.431(18)
Ag14 S2	2.425(3)	C140 C141	1.39(2)
Ag14 S4	2.431(4)	C141 C142	1.41(2)
Ag15 Ag16	3.1143(19)	C142 C143	1.31(2)
Ag15 Ag17	3.21(2)	C142 C145	1.56(3)
Ag15 Ag27	3.6686(17)	C143 C144	1.41(2)
Ag15 S1	2.586(5)	C145 C146	1.64(3)
Ag15 S3	2.475(3)	C145 C147	1.47(3)
Ag15 S4	2.578(4)	C145 C148	1.47(3)

Ag16 Ag17	3.09(2)	C149 C150	1.302(18)
Ag16 S1	2.426(5)	C149 C154	1.383(19)
Ag16 S17	2.494(4)	C150 C151	1.394(19)
Ag17 S1	2.085(19)	C151 C152	1.40(2)
Ag17 S2	2.44(2)	C152 C153	1.40(2)
Ag18 Ag19	2.9035(11)	C152 C155	1.536(13)
Ag18 Ag42	2.9349(10)	C153 C154	1.36(2)
Ag18 Ag43	3.1543(15)	C155 C156	1.527(13)
Ag18 Ag66	3.4154(15)	C155 C157	1.522(13)
Ag18 S2	2.657(3)	C155 C502	1.549(13)
Ag18 S29	2.583(3)	C158 C159	1.3900
Ag18 S31	2.665(3)	C158 C163	1.3900
Ag19 Ag20	2.9590(11)	C159 C160	1.3900
Ag19 Ag39	3.3731(10)	C160 C161	1.3900
Ag19 Ag41	2.9772(10)	C161 C162	1.3900
Ag19 Ag42	2.8202(9)	C161 C164	1.512(16)
Ag19 Ag43	3.1970(17)	C162 C163	1.3900
Ag19 S9	2.904(4)	C164 C165	1.528(5)
Ag20 Ag21	3.0451(11)	C164 C166	1.528(5)
Ag20 Ag22	2.9768(11)	C164 C167	1.526(5)
Ag20 Ag40	3.5057(10)	C168 C169	1.377(18)
Ag20 Ag41	3.0444(10)	C168 C173	1.34(2)
Ag20 Ag46	2.8274(9)	C169 C170	1.42(2)
Ag20 Ag58	2.8884(12)	C170 C171	1.35(2)
Ag20 S9	2.726(3)	C171 C172	1.49(3)
Ag21 Ag22	2.8662(11)	C171 C174	1.564(17)
Ag21 Ag23	3.1928(10)	C172 C173	1.34(3)
Ag21 Ag24	2.8496(10)	C174 C175	1.570(16)
Ag21 Ag25	2.9971(13)	C174 C4AA	1.526(16)
Ag21 Ag26	2.9358(12)	C174 C3AA	1.547(16)
Ag22 Ag23	2.9562(11)	C176 C177	1.378(19)
Ag22 Ag24	2.7969(11)	C176 C181	1.331(18)
Ag22 Ag25	3.3376(13)	C177 C178	1.38(2)
Ag22 Ag40	2.9577(11)	C178 C179	1.30(2)
Ag22 Ag46	2.7730(10)	C179 C180	1.39(2)
Ag22 Ag47	2.9875(10)	C179 C182	1.55(2)
Ag22 Ag48	3.3388(12)	C180 C181	1.35(2)
Ag22 Ag57	3.6708(14)	C182 C183	1.55(3)
Ag22 Ag58	3.0858(12)	C182 C184	1.54(3)
Ag22 Ag60	3.6467(16)	C182 C185	1.49(3)

Ag23 Ag24	2.7403(10)	C186 C187	1.317(19)
Ag23 Ag40	3.0200(11)	C186 C191	1.45(2)
Ag23 Ag48	2.9831(12)	C187 C188	1.357(19)
Ag23 Ag49	2.9678(11)	C188 C189	1.39(2)
Ag23 Ag64	3.0777(13)	C189 C190	1.33(2)
Ag24 Ag25	3.1368(12)	C189 C0AA	1.538(16)
Ag24 Ag26	2.8711(10)	C190 C191	1.32(2)
Ag24 Ag48	3.0526(10)	C192 C193	1.338(19)
Ag24 Ag60	3.2388(19)	C192 C197	1.36(2)
Ag24 Ag61	2.9985(12)	C193 C194	1.40(2)
Ag24 Ag62	3.6536(18)	C194 C195	1.38(2)
Ag24 Ag64	2.8358(12)	C195 C196	1.41(2)
Ag25 Ag26	2.9781(14)	C195 C198	1.509(16)
Ag25 Ag58	3.3449(14)	C196 C197	1.34(2)
Ag25 Ag60	3.5385(18)	C198 C199	1.544(16)
Ag25 S16	2.777(3)	C198 C200	1.527(16)
Ag25 S17	2.521(3)	C198 C493	1.509(16)
Ag25 S25	2.547(3)	C202 C203	1.3900
Ag26 Ag27	3.3020(14)	C202 C207	1.3900
Ag26 Ag62	3.306(2)	C203 C204	1.3900
Ag26 S3	2.557(3)	C204 C205	1.3900
Ag26 S21	2.660(3)	C205 C206	1.3900
Ag26 S25	2.619(3)	C205 C485	1.544(12)
Ag27 Ag28	3.0780(14)	C206 C207	1.3900
Ag27 Ag32	3.4448(18)	C208 C209	1.383(19)
Ag27 S3	2.571(4)	C208 C213	1.41(2)
Ag27 S21	2.790(3)	C209 C210	1.47(2)
Ag27 S41	2.565(3)	C210 C211	1.30(2)
Ag28 Ag29	3.3354(13)	C211 C212	1.378(19)
Ag28 Ag30	3.4612(17)	C211 C214	1.56(2)
Ag28 S4	2.679(3)	C212 C213	1.39(2)
Ag28 S5	2.586(3)	C214 C215	1.54(3)
Ag28 S41	2.557(3)	C214 C216	1.54(3)
Ag29 Ag69	3.2660(15)	C214 C217	1.52(3)
Ag29 S4	2.616(3)	C218 C219	1.30(2)
Ag29 S5	2.707(3)	C218 C223	1.34(2)
Ag29 S36	2.608(3)	C219 C220	1.40(3)
Ag30 Ag31	2.9393(17)	C220 C221	1.37(2)
Ag30 Ag35	3.4454(16)	C221 C222	1.30(2)
Ag30 Ag69	3.6403(16)	C222 C223	1.37(2)

Ag30 S5	2.694(3)	C224 C229	1.3900
Ag30 S32	2.478(3)	C224 C225	1.3900
Ag30 S42	2.419(4)	C229 C228	1.3900
Ag31 Ag32	2.9672(18)	C228 C227	1.3900
Ag31 Ag71	3.1726(13)	C227 C226	1.3900
Ag31 S39	2.593(3)	C226 C225	1.3900
Ag31 S40	2.577(4)	C230 C231	1.32(2)
Ag31 S42	2.669(4)	C230 C235	1.31(2)
Ag32 Ag33	3.4359(15)	C231 C232	1.40(2)
Ag32 Ag62	3.5200(18)	C232 C233	1.30(2)
Ag32 S6	2.513(3)	C233 C234	1.48(2)
Ag32 S21	2.599(4)	C234 C235	1.32(2)
Ag32 S40	2.454(4)	C236 C237	1.330(18)
Ag33 Ag34	3.0146(13)	C236 C241	1.381(19)
Ag33 Ag35	3.0004(13)	C237 C238	1.33(2)
Ag33 Ag64	3.3917(14)	C238 C239	1.38(2)
Ag33 S6	2.610(3)	C239 C240	1.39(2)
Ag33 S38	2.672(3)	C239 C242	1.51(2)
Ag33 S39	2.595(3)	C240 C241	1.43(2)
Ag34 Ag35	3.0034(13)	C242 C243	1.46(3)
Ag34 Ag49	3.2288(16)	C242 C244	1.62(3)
Ag34 Ag51	2.9949(14)	C242 C245	1.48(3)
Ag34 S7	2.477(3)	C246 C247	1.363(17)
Ag34 S11	3.098(3)	C246 C251	1.363(17)
Ag34 S38	2.458(3)	C247 C248	1.377(18)
Ag35 Ag36	3.3148(13)	C248 C249	1.362(18)
Ag35 S7	2.669(3)	C249 C250	1.366(19)
Ag35 S32	2.636(3)	C249 C252	1.50(2)
Ag35 S39	2.592(3)	C250 C251	1.410(19)
Ag36 Ag37	3.0497(13)	C252 C253	1.62(2)
Ag36 Ag69	3.2711(14)	C252 C254	1.47(2)
Ag36 S7	2.697(3)	C252 C255	1.54(3)
Ag36 S32	2.638(3)	C256 C257	1.427(17)
Ag36 S34	2.570(3)	C256 C261	1.367(19)
Ag37 Ag38	3.2860(13)	C257 C258	1.43(2)
Ag37 Ag67	3.4221(16)	C258 C259	1.41(2)
Ag37 S8	2.590(3)	C259 C260	1.34(2)
Ag37 S34	2.570(3)	C259 C262	1.51(2)
Ag37 S37	2.656(3)	C260 C261	1.38(2)
Ag38 Ag39	2.8731(12)	C262 C263	1.53(3)

Ag38 Ag42	2.9200(11)	C262 C264	1.55(3)
Ag38 Ag52	2.9935(14)	C262 C265	1.45(3)
Ag38 Ag66	3.4549(16)	C266 C267	1.374(16)
Ag38 S8	2.606(3)	C266 C271	1.391(18)
Ag38 S13	2.608(3)	C267 C268	1.405(18)
Ag38 S37	2.651(3)	C268 C269	1.401(19)
Ag39 Ag40	2.9394(12)	C269 C270	1.397(19)
Ag39 Ag41	2.9203(12)	C269 C272	1.50(2)
Ag39 Ag42	2.7717(10)	C270 C271	1.37(2)
Ag39 Ag52	2.9907(13)	C272 C273	1.55(2)
Ag40 Ag41	2.9005(11)	C272 C274	1.46(2)
Ag40 Ag46	2.7976(10)	C272 C275	1.53(2)
Ag40 Ag47	2.8754(12)	C276 C277	1.3900
Ag40 Ag55	2.9682(12)	C276 C281	1.3900
Ag41 Ag42	2.8034(11)	C277 C278	1.3900
Ag41 Ag43	3.4398(15)	C278 C279	1.3900
Ag41 Ag45	3.2662(14)	C279 C280	1.3900
Ag41 Ag46	2.7907(11)	C279 C282	1.561(15)
Ag41 Ag52	3.4784(15)	C280 C281	1.3900
Ag41 Ag54	3.0872(12)	C282 C283	1.490(17)
Ag41 Ag55	3.6454(14)	C282 C284	1.552(17)
Ag42 Ag43	3.1021(14)	C282 C505	1.544(17)
Ag42 Ag52	3.3815(13)	C285 C286	1.33(2)
Ag42 Ag53	2.9160(11)	C285 C290	1.37(2)
Ag42 Ag54	3.0364(12)	C286 C287	1.44(2)
Ag42 Ag66	3.4610(16)	C287 C288	1.43(2)
Ag43 Ag54	3.2065(14)	C288 C289	1.31(2)
Ag43 S9	2.538(4)	C289 C290	1.41(2)
Ag43 S27	2.622(3)	C291 C292	1.40(2)
Ag43 S29	2.494(4)	C291 C296	1.43(2)
Ag44 Ag45	2.9814(17)	C292 C293	1.35(2)
Ag44 Ag46	3.376(2)	C293 C294	1.33(2)
Ag44 Ag58	3.466(2)	C294 C295	1.36(3)
Ag44 S9	2.689(4)	C295 C296	1.38(3)
Ag44 S18	2.404(3)	C297 C298	1.3900
Ag44 S27	2.527(3)	C297 C302	1.3900
Ag45 Ag46	3.0489(13)	C298 C299	1.3900
Ag45 Ag54	3.3543(15)	C299 C300	1.3900
Ag45 Ag56	2.9853(15)	C300 C301	1.3900
Ag45 S14	2.534(3)	C301 C302	1.3900

Ag45 S19	2.504(4)	C303 C304	1.36(2)
Ag45 S27	2.722(3)	C303 C308	1.37(2)
Ag46 Ag47	2.9019(10)	C304 C305	1.40(2)
Ag46 Ag55	3.3624(13)	C305 C306	1.45(2)
Ag46 Ag56	2.9832(12)	C306 C307	1.36(2)
Ag46 Ag57	3.5868(14)	C306 C490	1.531(17)
Ag46 Ag58	2.9838(11)	C307 C308	1.40(2)
Ag47 Ag48	3.0567(12)	C309 C310	1.393(18)
Ag47 Ag55	2.9167(13)	C309 C314	1.36(2)
Ag47 Ag57	3.2143(15)	C310 C311	1.38(2)
Ag47 S10	2.689(3)	C311 C312	1.34(2)
Ag47 S15	2.651(3)	C312 C313	1.40(2)
Ag47 S26	2.583(3)	C312 C315	1.515(15)
Ag48 Ag49	3.1820(16)	C313 C314	1.39(2)
Ag48 Ag60	3.6192(17)	C315 C316	1.540(16)
Ag48 Ag64	3.1898(13)	C315 C317	1.516(16)
Ag48 S10	2.659(3)	C315 C318	1.493(16)
Ag48 S23	2.550(3)	C320 C321	1.38(2)
Ag48 S26	2.660(3)	C320 C325	1.45(2)
Ag49 Ag50	3.2490(17)	C321 C322	1.44(2)
Ag49 Ag64	3.4909(16)	C322 C323	1.49(2)
Ag49 S10	2.419(3)	C323 C324	1.32(2)
Ag49 S38	2.404(3)	C323 C326	1.57(3)
Ag50 Ag51	3.0558(17)	C324 C325	1.41(2)
Ag50 S10	2.995(3)	C326 C327	1.66(3)
Ag50 S11	2.450(4)	C326 C328	1.52(3)
Ag50 S12	2.429(3)	C326 C329	1.32(3)
Ag51 S7	2.665(3)	C330 C331	1.364(17)
Ag51 S8	2.481(3)	C330 C335	1.374(17)
Ag51 S11	2.579(4)	C331 C332	1.388(19)
Ag52 Ag54	3.4793(17)	C332 C333	1.366(19)
Ag52 Ag55	3.4404(16)	C333 C334	1.34(2)
Ag52 S12	2.491(3)	C333 C336	1.59(2)
Ag52 S13	2.476(3)	C334 C335	1.39(2)
Ag52 S14	2.767(4)	C336 C337	1.64(3)
Ag53 Ag54	2.9287(14)	C336 C338	1.41(3)
Ag53 Ag65	3.0441(13)	C336 C339	1.53(3)
Ag53 Ag66	2.9499(15)	C340 C341	1.30(2)
Ag53 S13	2.640(3)	C340 C345	1.33(3)
Ag53 S28	2.628(3)	C341 C342	1.48(3)

Ag53 S30	2.607(4)	C342 C343	1.23(3)
Ag54 S14	2.523(3)	C343 C344	1.41(3)
Ag54 S27	2.698(3)	C343 C346	1.579(18)
Ag54 S28	2.505(3)	C344 C345	1.37(3)
Ag55 S12	2.506(3)	C346 C347	1.521(17)
Ag55 S14	2.688(3)	C346 C348	1.565(17)
Ag55 S15	2.481(3)	C346 C501	1.548(17)
Ag56 Ag57	2.9239(14)	C350 C351	1.407(17)
Ag56 Ag59	3.2241(13)	C350 C355	1.417(18)
Ag56 S15	2.568(3)	C351 C352	1.414(18)
Ag56 S19	2.568(3)	C352 C353	1.388(19)
Ag56 S20	2.649(4)	C353 C354	1.42(2)
Ag57 Ag58	3.6482(15)	C353 C356	1.52(2)
Ag57 Ag60	3.4774(16)	C354 C355	1.428(19)
Ag57 S16	2.630(3)	C356 C357	1.41(3)
Ag57 S20	2.444(3)	C356 C358	1.61(2)
Ag57 S26	2.502(3)	C356 C359	1.48(3)
Ag58 S16	2.648(3)	C360 C361	1.312(19)
Ag58 S17	2.696(3)	C360 C365	1.39(2)
Ag58 S18	2.559(3)	C361 C362	1.40(2)
Ag59 S18	2.604(3)	C362 C363	1.37(2)
Ag59 S19	2.727(3)	C363 C364	1.31(2)
Ag59 S20	2.587(3)	C363 C366	1.542(16)
Ag59 P1	2.426(3)	C364 C365	1.41(3)
Ag60 Ag61	2.8760(18)	C366 C367	1.500(16)
Ag60 S16	2.456(3)	C366 C368	1.537(16)
Ag60 S24	2.440(4)	C366 C369	1.544(16)
Ag60 S26	2.785(3)	C370 C371	1.34(2)
Ag61 Ag62	2.9612(18)	C370 C375	1.31(3)
Ag61 Ag63	3.0894(13)	C371 C372	1.49(3)
Ag61 S22	2.638(4)	C372 C373	1.25(3)
Ag61 S24	2.650(4)	C373 C374	1.44(3)
Ag61 S25	2.593(3)	C373 C376	1.556(17)
Ag62 Ag64	3.3090(16)	C374 C375	1.53(3)
Ag62 S6	2.808(3)	C376 C377	1.543(17)
Ag62 S21	2.449(4)	C376 C378	1.562(17)
Ag62 S22	2.423(4)	C376 C379	1.561(17)
Ag63 S22	2.685(3)	C380 C381	1.41(2)
Ag63 S23	2.575(3)	C380 C385	1.38(2)
Ag63 S24	2.625(4)	C381 C382	1.37(3)

Ag63 P2	2.425(3)	C382 C383	1.29(3)
Ag64 S6	2.527(3)	C383 C384	1.43(3)
Ag64 S23	2.571(3)	C383 C386	1.50(2)
Ag64 S38	3.036(3)	C384 C385	1.37(3)
Ag65 S28	2.585(3)	C386 C387	1.46(3)
Ag65 S29	2.605(3)	C386 C388	1.57(3)
Ag65 S30	2.813(4)	C386 C389	1.58(3)
Ag65 P4	2.428(3)	C390 C391	1.409(19)
Ag66 Ag67	3.4746(16)	C390 C395	1.365(18)
Ag66 S30	2.440(4)	C391 C392	1.42(2)
Ag66 S31	2.592(3)	C392 C393	1.25(2)
Ag66 S37	2.561(3)	C393 C394	1.41(2)
Ag67 Ag68	3.0269(16)	C393 C396	1.54(2)
Ag67 S31	2.527(3)	C394 C395	1.34(2)
Ag67 S35	2.410(4)	C396 C397	1.39(3)
Ag67 S37	2.596(3)	C396 C398	1.58(4)
Ag68 Ag69	3.0077(15)	C396 C399	1.54(3)
Ag68 Ag70	3.1138(12)	C400 C6AA	1.3900
Ag68 S33	2.644(4)	C400 C408	1.3900
Ag68 S35	2.603(4)	C6AA C7AA	1.3900
Ag68 S36	2.544(3)	C7AA C403	1.3900
Ag69 S5	2.502(3)	C403 C407	1.3900
Ag69 S32	2.699(3)	C403 C404	1.62(3)
Ag69 S33	2.442(3)	C407 C408	1.3900
Ag70 S33	2.589(3)	C404 C405	1.47(3)
Ag70 S34	2.629(3)	C404 C406	1.41(3)
Ag70 S35	2.663(3)	C404 C491	1.58(3)
Ag70 P3	2.416(3)	C409 C410	1.3900
Ag71 S40	2.698(4)	C409 C414	1.3900
Ag71 S41	2.567(4)	C410 C411	1.3900
Ag71 S42	2.612(4)	C411 C412	1.3900
Ag71 P5	2.438(4)	C412 C413	1.3900
S1 C1	1.759(13)	C412 C415	1.533(16)
S2 C468	1.794(11)	C413 C414	1.3900
S3 C466	1.761(9)	C415 C416	1.493(17)
S4 C456	1.780(12)	C415 C417	1.538(17)
S5 C446	1.785(11)	C415 C494	1.514(17)
S6 C390	1.797(13)	C418 C420	1.3900
S7 C370	1.797(13)	C418 C422	1.3900
S8 C360	1.807(12)	C420 C421	1.3900

S9	C350	1.753(12)	C421	C5AA	1.3900
S10	C330	1.801(11)	C5AA	C423	1.3900
S11	C11	1.785(9)	C423	C422	1.3900
S12	C320	1.754(12)	C424	C429	1.3900
S13	C309	1.807(11)	C424	C425	1.3900
S14	C168	1.779(11)	C429	C428	1.3900
S15	C158	1.794(7)	C428	C427	1.3900
S16	C149	1.800(13)	C427	C426	1.3900
S17	C22	1.812(13)	C426	C425	1.3900
S18	C67	1.772(11)	C430	C435	1.3900
S19	C30	1.785(14)	C430	C431	1.3900
S20	C39	1.766(14)	C435	C434	1.3900
S21	C77	1.786(9)	C434	C433	1.3900
S22	C119	1.792(14)	C433	C432	1.3900
S23	C87	1.764(11)	C432	C431	1.3900
S24	C97	1.820(7)	C436	C437	1.3900
S25	C129	1.784(13)	C436	C441	1.3900
S26	C139	1.737(12)	C437	C438	1.3900
S27	C176	1.788(14)	C438	C439	1.3900
S28	C303	1.781(14)	C439	C440	1.3900
S29	C186	1.778(14)	C439	C442	1.61(3)
S30	C276	1.787(10)	C440	C441	1.3900
S31	C266	1.748(12)	C442	C443	1.51(3)
S32	C192	1.802(13)	C442	C444	1.55(3)
S33	C236	1.799(13)	C442	C445	1.47(3)
S34	C202	1.774(7)	C446	C447	1.373(17)
S35	C208	1.755(13)	C446	C451	1.392(18)
S36	C246	1.792(11)	C447	C448	1.38(2)
S37	C256	1.796(12)	C448	C449	1.40(2)
S38	C340	1.782(13)	C449	C450	1.42(2)
S39	C380	1.773(13)	C449	C452	1.55(2)
S40	C436	1.741(9)	C450	C451	1.35(2)
S41	C400	1.799(9)	C452	C453	1.49(3)
S42	C409	1.790(10)	C452	C454	1.49(3)
P1	C49	1.816(15)	C452	C455	1.41(2)
P1	C55	1.788(17)	C456	C457	1.348(19)
P1	C61	1.818(16)	C456	C461	1.44(2)
P2	C107	1.817(9)	C457	C458	1.40(2)
P2	C113	1.888(10)	C458	C459	1.42(2)
P2	C8AA	1.812(10)	C459	C460	1.41(2)

P3	C218	1.849(14)	C459	C462	1.57(2)
P3	C224	1.810(8)	C460	C461	1.34(2)
P3	C230	1.851(14)	C462	C463	1.47(2)
P4	C285	1.812(15)	C462	C464	1.59(3)
P4	C291	1.779(15)	C462	C465	1.52(2)
P4	C297	1.818(10)	C466	C1BA	1.3900
P5	C418	1.814(12)	C466	C2BA	1.3900
P5	C424	1.803(11)	C1BA	C489	1.3900
P5	C430	1.765(12)	C489	C488	1.3900
C1	C2	1.19(2)	C488	C467	1.3900
C1	C6	1.35(3)	C488	C503	1.539(12)
C2	C3	1.48(3)	C467	C2BA	1.3900
C3	C4	1.43(3)	C468	C469	1.332(17)
C4	C5	1.21(2)	C468	C473	1.405(18)
C4	C7	1.491(15)	C469	C470	1.346(19)
C5	C6	1.44(3)	C470	C471	1.418(19)
C7	C8	1.457(16)	C471	C472	1.29(2)
C7	C9	1.505(13)	C471	C474	1.50(2)
C7	C10	1.456(16)	C472	C473	1.40(2)
C11	C12	1.3900	C474	C475	1.57(3)
C11	C16	1.3900	C474	C476	1.57(3)
C12	C13	1.3900	C474	C477	1.34(2)
C13	C14	1.3900	C485	C486	1.490(12)
C14	C15	1.3900	C485	C487	1.513(12)
C14	C17	1.49(3)	C485	C498	1.553(13)
C15	C16	1.3900	C490	C507	1.502(17)
C17	C18	1.48(3)	C490	C2AA	1.524(17)
C17	C19	1.56(3)	C490	C1AA	1.502(17)
C17	C496	1.56(3)	C492	C0AA	1.500(17)
C22	C23	1.366(19)	C499	C0AA	1.548(18)
C22	C27	1.44(2)	C503	C504	1.507(13)
C23	C24	1.38(2)	C503	C0BA	1.562(13)
C24	C25	1.33(2)	C503	C3BA	1.501(13)
C25	C26	1.36(2)	C506	C0AA	1.498(16)
C25	C28	1.557(13)	C8AA	C500	1.3900
C26	C27	1.34(2)	C8AA	C732	1.3900
C28	C29	1.534(13)	C500	C9AA	1.3900
C28	C495	1.543(13)	C9AA	C651	1.3900
C28	C4BA	1.537(13)	C651	C667	1.3900
C30	C31	1.35(2)	C667	C732	1.3900

C30 C35 1.39(2)

Table S6. Bond Angles for Ag₇₀-TPP.

Atom	Atom	Atom	Angle/°	Atom	Atom	Atom	Angle/°
Ag2	Ag1	Ag8	68.97(3)	S9	Ag44	Ag45	116.56(9)
Ag2	Ag1	Ag9	64.05(3)	S9	Ag44	Ag46	90.28(10)
Ag2	Ag1	Ag14	123.08(4)	S9	Ag44	Ag58	84.52(10)
Ag2	Ag1	Ag15	134.97(4)	S18	Ag44	Ag45	107.39(8)
Ag2	Ag1	Ag16	142.57(4)	S18	Ag44	Ag46	83.31(8)
Ag2	Ag1	Ag17	148.1(4)	S18	Ag44	Ag58	47.56(8)
Ag2	Ag1	Ag19	65.89(3)	S18	Ag44	S9	121.93(13)
Ag2	Ag1	Ag20	65.08(3)	S18	Ag44	S27	153.08(16)
Ag2	Ag1	Ag21	64.04(3)	S27	Ag44	Ag45	58.54(8)
Ag8	Ag1	Ag9	64.86(3)	S27	Ag44	Ag46	103.16(9)
Ag8	Ag1	Ag14	87.80(4)	S27	Ag44	Ag58	152.40(11)
Ag8	Ag1	Ag15	66.28(3)	S27	Ag44	S9	84.49(11)
Ag8	Ag1	Ag16	120.17(4)	Ag41	Ag45	Ag54	55.57(3)
Ag8	Ag1	Ag17	118.8(5)	Ag44	Ag45	Ag41	74.96(6)
Ag8	Ag1	Ag19	122.96(3)	Ag44	Ag45	Ag46	68.08(5)
Ag8	Ag1	Ag20	123.12(3)	Ag44	Ag45	Ag54	96.13(5)
Ag8	Ag1	Ag21	65.16(3)	Ag44	Ag45	Ag56	91.32(4)
Ag9	Ag1	Ag14	59.04(3)	Ag46	Ag45	Ag41	52.31(3)
Ag9	Ag1	Ag15	100.20(3)	Ag46	Ag45	Ag54	107.85(4)
Ag9	Ag1	Ag16	153.21(4)	Ag56	Ag45	Ag41	110.47(4)
Ag9	Ag1	Ag17	90.3(4)	Ag56	Ag45	Ag46	59.25(3)
Ag9	Ag1	Ag19	65.04(3)	Ag56	Ag45	Ag54	161.20(5)
Ag9	Ag1	Ag20	117.89(3)	S14	Ag45	Ag41	64.84(7)
Ag9	Ag1	Ag21	117.08(3)	S14	Ag45	Ag44	136.84(9)
Ag14	Ag1	Ag15	60.19(3)	S14	Ag45	Ag46	97.13(8)
Ag16	Ag1	Ag14	94.23(4)	S14	Ag45	Ag54	48.31(7)
Ag16	Ag1	Ag15	63.70(4)	S14	Ag45	Ag56	116.37(8)
Ag16	Ag1	Ag17	63.8(4)	S14	Ag45	S27	99.74(10)
Ag17	Ag1	Ag15	64.7(5)	S19	Ag45	Ag41	155.87(9)
Ag19	Ag1	Ag14	88.94(3)	S19	Ag45	Ag44	85.62(9)
Ag19	Ag1	Ag15	148.45(4)	S19	Ag45	Ag46	107.26(9)
Ag19	Ag1	Ag16	116.86(4)	S19	Ag45	Ag54	142.73(9)
Ag19	Ag1	Ag17	86.7(4)	S19	Ag45	Ag56	54.94(8)
Ag19	Ag1	Ag20	63.22(3)	S19	Ag45	S14	137.10(11)
Ag20	Ag1	Ag14	145.92(4)	S19	Ag45	S27	105.63(11)
Ag20	Ag1	Ag15	141.37(4)	S27	Ag45	Ag41	73.75(7)

Ag20	Ag1	Ag16	82.64(3)	S27	Ag45	Ag44	52.36(7)
Ag20	Ag1	Ag17	118.0(6)	S27	Ag45	Ag46	107.39(7)
Ag21	Ag1	Ag14	148.30(4)	S27	Ag45	Ag54	51.44(7)
Ag21	Ag1	Ag15	92.41(3)	S27	Ag45	Ag56	142.11(8)
Ag21	Ag1	Ag16	86.22(4)	Ag20	Ag46	Ag44	73.23(5)
Ag21	Ag1	Ag17	147.8(4)	Ag20	Ag46	Ag45	116.50(3)
Ag21	Ag1	Ag19	119.08(3)	Ag20	Ag46	Ag47	122.81(3)
Ag21	Ag1	Ag20	65.63(3)	Ag20	Ag46	Ag55	127.89(3)
Ag1	Ag2	Ag3	169.71(4)	Ag20	Ag46	Ag56	151.36(3)
Ag1	Ag2	Ag4	114.07(3)	Ag20	Ag46	Ag57	119.35(3)
Ag1	Ag2	Ag8	55.55(2)	Ag20	Ag46	Ag58	59.54(3)
Ag1	Ag2	Ag9	58.32(2)	Ag22	Ag46	Ag20	64.21(3)
Ag1	Ag2	Ag10	117.75(3)	Ag22	Ag46	Ag40	64.14(3)
Ag1	Ag2	Ag19	57.99(2)	Ag22	Ag46	Ag41	112.13(3)
Ag1	Ag2	Ag20	58.55(2)	Ag22	Ag46	Ag44	125.99(4)
Ag1	Ag2	Ag21	58.52(2)	Ag22	Ag46	Ag45	178.99(4)
Ag1	Ag2	Ag23	123.21(3)	Ag22	Ag46	Ag47	63.48(3)
Ag1	Ag2	Ag39	126.55(4)	Ag22	Ag46	Ag55	108.64(3)
Ag1	Ag2	Ag40	131.28(4)	Ag22	Ag46	Ag56	120.47(4)
Ag3	Ag2	Ag4	56.24(2)	Ag22	Ag46	Ag57	69.15(3)
Ag3	Ag2	Ag8	114.81(3)	Ag22	Ag46	Ag58	64.71(3)
Ag3	Ag2	Ag9	114.74(3)	Ag40	Ag46	Ag20	77.10(3)
Ag3	Ag2	Ag10	55.17(2)	Ag40	Ag46	Ag44	135.84(4)
Ag3	Ag2	Ag19	127.08(3)	Ag40	Ag46	Ag45	115.18(3)
Ag3	Ag2	Ag20	131.45(3)	Ag40	Ag46	Ag47	60.56(3)
Ag3	Ag2	Ag21	121.53(3)	Ag40	Ag46	Ag55	56.73(3)
Ag3	Ag2	Ag23	56.67(2)	Ag40	Ag46	Ag56	131.35(3)
Ag3	Ag2	Ag39	58.12(2)	Ag40	Ag46	Ag57	114.26(3)
Ag3	Ag2	Ag40	58.72(2)	Ag40	Ag46	Ag58	123.19(3)
Ag4	Ag2	Ag8	58.58(2)	Ag41	Ag46	Ag20	65.62(3)
Ag4	Ag2	Ag10	56.30(2)	Ag41	Ag46	Ag40	62.53(3)
Ag8	Ag2	Ag10	88.11(3)	Ag41	Ag46	Ag44	75.61(4)
Ag9	Ag2	Ag4	85.96(3)	Ag41	Ag46	Ag45	67.85(3)
Ag9	Ag2	Ag8	58.61(2)	Ag41	Ag46	Ag47	116.63(3)
Ag9	Ag2	Ag10	59.65(2)	Ag41	Ag46	Ag55	71.98(3)
Ag9	Ag2	Ag19	60.52(3)	Ag41	Ag46	Ag56	125.68(3)
Ag9	Ag2	Ag20	107.85(3)	Ag41	Ag46	Ag57	173.99(3)
Ag9	Ag2	Ag21	107.84(3)	Ag41	Ag46	Ag58	119.25(3)
Ag9	Ag2	Ag23	142.88(4)	Ag44	Ag46	Ag57	108.63(4)
Ag19	Ag2	Ag4	145.11(4)	Ag45	Ag46	Ag44	55.01(4)

Ag19 Ag2 Ag8 105.49(3)	Ag45 Ag46 Ag55 70.37(3)
Ag19 Ag2 Ag10 95.30(3)	Ag45 Ag46 Ag57 110.76(3)
Ag20 Ag2 Ag4 151.17(4)	Ag47 Ag46 Ag44 162.21(5)
Ag20 Ag2 Ag8 106.53(3)	Ag47 Ag46 Ag45 115.58(3)
Ag20 Ag2 Ag10 152.43(4)	Ag47 Ag46 Ag55 54.91(3)
Ag20 Ag2 Ag19 58.68(3)	Ag47 Ag46 Ag56 78.27(3)
Ag21 Ag2 Ag4 90.38(3)	Ag47 Ag46 Ag57 58.25(3)
Ag21 Ag2 Ag8 58.95(3)	Ag47 Ag46 Ag58 113.77(3)
Ag21 Ag2 Ag10 143.33(4)	Ag55 Ag46 Ag44 123.67(4)
Ag21 Ag2 Ag19 108.00(3)	Ag55 Ag46 Ag57 102.01(3)
Ag21 Ag2 Ag20 61.57(3)	Ag56 Ag46 Ag44 84.06(5)
Ag21 Ag2 Ag23 65.07(3)	Ag56 Ag46 Ag45 59.31(3)
Ag23 Ag2 Ag4 58.71(3)	Ag56 Ag46 Ag55 79.28(3)
Ag23 Ag2 Ag8 90.62(3)	Ag56 Ag46 Ag57 51.86(3)
Ag23 Ag2 Ag10 102.97(3)	Ag56 Ag46 Ag58 95.50(3)
Ag23 Ag2 Ag19 156.05(4)	Ag58 Ag46 Ag44 65.71(3)
Ag23 Ag2 Ag20 100.15(3)	Ag58 Ag46 Ag45 116.23(3)
Ag39 Ag2 Ag4 104.65(3)	Ag58 Ag46 Ag55 168.14(4)
Ag39 Ag2 Ag8 143.97(4)	Ag58 Ag46 Ag57 66.72(3)
Ag39 Ag2 Ag9 90.77(3)	Ag22 Ag47 Ag48 67.05(3)
Ag39 Ag2 Ag10 58.15(3)	Ag22 Ag47 Ag57 72.48(3)
Ag39 Ag2 Ag19 69.05(3)	Ag40 Ag47 Ag22 60.56(3)
Ag39 Ag2 Ag20 100.43(3)	Ag40 Ag47 Ag46 57.92(3)
Ag39 Ag2 Ag21 157.00(4)	Ag40 Ag47 Ag48 91.05(3)
Ag39 Ag2 Ag23 107.84(3)	Ag40 Ag47 Ag55 61.65(3)
Ag40 Ag2 Ag4 107.73(3)	Ag40 Ag47 Ag57 124.01(4)
Ag40 Ag2 Ag8 150.86(4)	Ag46 Ag47 Ag22 56.15(2)
Ag40 Ag2 Ag9 150.34(4)	Ag46 Ag47 Ag48 122.95(3)
Ag40 Ag2 Ag10 105.64(3)	Ag46 Ag47 Ag55 70.60(3)
Ag40 Ag2 Ag19 98.79(3)	Ag46 Ag47 Ag57 71.60(3)
Ag40 Ag2 Ag20 72.74(3)	Ag48 Ag47 Ag57 97.53(4)
Ag40 Ag2 Ag21 98.47(3)	Ag55 Ag47 Ag22 115.57(4)
Ag40 Ag2 Ag23 61.58(3)	Ag55 Ag47 Ag48 138.34(5)
Ag40 Ag2 Ag39 60.67(3)	Ag55 Ag47 Ag57 123.51(4)
Ag2 Ag3 Ag34 124.20(3)	S10 Ag47 Ag22 103.58(6)
Ag2 Ag3 Ag49 123.14(3)	S10 Ag47 Ag40 74.87(7)
Ag2 Ag3 Ag50 143.41(4)	S10 Ag47 Ag46 132.75(7)
Ag2 Ag3 Ag51 141.04(4)	S10 Ag47 Ag48 54.69(6)
Ag4 Ag3 Ag2 66.23(3)	S10 Ag47 Ag55 86.46(7)
Ag4 Ag3 Ag10 63.83(3)	S10 Ag47 Ag57 148.97(7)

Ag4 Ag3 Ag34	57.99(2)	S15 Ag47 Ag22	137.96(7)
Ag4 Ag3 Ag39	116.49(3)	S15 Ag47 Ag40	111.87(8)
Ag4 Ag3 Ag40	119.27(3)	S15 Ag47 Ag46	84.06(7)
Ag4 Ag3 Ag49	91.43(3)	S15 Ag47 Ag48	151.96(7)
Ag4 Ag3 Ag50	147.94(4)	S15 Ag47 Ag55	52.65(7)
Ag4 Ag3 Ag51	101.37(4)	S15 Ag47 Ag57	83.22(7)
Ag10 Ag3 Ag2	69.12(3)	S15 Ag47 S10	114.34(9)
Ag10 Ag3 Ag34	87.35(3)	S26 Ag47 Ag22	81.41(6)
Ag10 Ag3 Ag40	120.12(3)	S26 Ag47 Ag40	137.91(7)
Ag10 Ag3 Ag49	146.58(3)	S26 Ag47 Ag46	116.10(7)
Ag10 Ag3 Ag50	128.16(4)	S26 Ag47 Ag48	55.52(7)
Ag10 Ag3 Ag51	72.33(3)	S26 Ag47 Ag55	160.41(7)
Ag23 Ag3 Ag2	64.98(3)	S26 Ag47 Ag57	49.69(7)
Ag23 Ag3 Ag4	64.78(3)	S26 Ag47 S10	99.41(9)
Ag23 Ag3 Ag10	120.91(3)	S26 Ag47 S15	108.39(10)
Ag23 Ag3 Ag34	89.15(3)	Ag22 Ag48 Ag60	63.06(3)
Ag23 Ag3 Ag39	118.99(3)	Ag23 Ag48 Ag22	55.41(3)
Ag23 Ag3 Ag40	65.75(3)	Ag23 Ag48 Ag24	53.99(2)
Ag23 Ag3 Ag49	58.24(3)	Ag23 Ag48 Ag47	87.64(3)
Ag23 Ag3 Ag50	110.86(4)	Ag23 Ag48 Ag49	57.44(3)
Ag23 Ag3 Ag51	145.51(4)	Ag23 Ag48 Ag60	106.16(4)
Ag34 Ag3 Ag49	59.72(3)	Ag23 Ag48 Ag64	59.70(3)
Ag39 Ag3 Ag2	62.82(3)	Ag24 Ag48 Ag22	51.67(2)
Ag39 Ag3 Ag10	64.38(3)	Ag24 Ag48 Ag47	107.10(3)
Ag39 Ag3 Ag34	147.16(4)	Ag24 Ag48 Ag49	104.09(3)
Ag39 Ag3 Ag40	63.49(3)	Ag24 Ag48 Ag60	57.33(3)
Ag39 Ag3 Ag49	148.51(3)	Ag24 Ag48 Ag64	53.98(3)
Ag39 Ag3 Ag50	93.79(3)	Ag47 Ag48 Ag22	55.48(2)
Ag39 Ag3 Ag51	95.50(3)	Ag47 Ag48 Ag49	98.48(4)
Ag40 Ag3 Ag2	62.31(3)	Ag47 Ag48 Ag60	88.81(4)
Ag40 Ag3 Ag34	149.30(4)	Ag47 Ag48 Ag64	147.31(4)
Ag40 Ag3 Ag49	90.97(3)	Ag49 Ag48 Ag22	107.29(4)
Ag40 Ag3 Ag50	82.47(3)	Ag49 Ag48 Ag60	161.41(4)
Ag40 Ag3 Ag51	139.08(4)	Ag49 Ag48 Ag64	66.44(3)
Ag50 Ag3 Ag34	91.02(3)	Ag64 Ag48 Ag22	99.74(3)
Ag50 Ag3 Ag49	63.17(3)	Ag64 Ag48 Ag60	98.46(4)
Ag50 Ag3 Ag51	63.30(4)	S10 Ag48 Ag22	95.52(6)
Ag51 Ag3 Ag34	58.22(3)	S10 Ag48 Ag23	79.72(7)
Ag51 Ag3 Ag49	92.65(4)	S10 Ag48 Ag24	132.48(7)
Ag3 Ag4 Ag2	57.53(2)	S10 Ag48 Ag47	55.60(7)

Ag3 Ag4 Ag5	119.38(3)	S10 Ag48 Ag49	47.90(7)
Ag3 Ag4 Ag6	176.68(4)	S10 Ag48 Ag60	144.05(7)
Ag3 Ag4 Ag7	117.00(4)	S10 Ag48 Ag64	114.18(8)
Ag3 Ag4 Ag8	119.49(3)	S10 Ag48 S26	98.23(9)
Ag3 Ag4 Ag10	58.47(2)	S23 Ag48 Ag22	137.49(7)
Ag3 Ag4 Ag23	57.43(2)	S23 Ag48 Ag23	111.32(8)
Ag3 Ag4 Ag33	119.60(3)	S23 Ag48 Ag24	86.97(6)
Ag3 Ag4 Ag34	68.63(3)	S23 Ag48 Ag47	160.89(8)
Ag3 Ag4 Ag35	119.40(3)	S23 Ag48 Ag49	90.27(8)
Ag5 Ag4 Ag2	91.55(3)	S23 Ag48 Ag60	88.13(8)
Ag5 Ag4 Ag7	111.65(3)	S23 Ag48 Ag64	51.76(7)
Ag5 Ag4 Ag8	59.98(2)	S23 Ag48 S10	123.49(9)
Ag5 Ag4 Ag10	61.20(3)	S23 Ag48 S26	112.01(10)
Ag5 Ag4 Ag23	148.76(3)	S26 Ag48 Ag22	73.88(6)
Ag5 Ag4 Ag33	112.71(3)	S26 Ag48 Ag23	128.49(7)
Ag5 Ag4 Ag34	117.54(4)	S26 Ag48 Ag24	102.44(6)
Ag5 Ag4 Ag35	64.55(3)	S26 Ag48 Ag47	53.17(7)
Ag6 Ag4 Ag2	119.41(3)	S26 Ag48 Ag49	146.04(7)
Ag6 Ag4 Ag5	60.95(3)	S26 Ag48 Ag60	49.83(6)
Ag6 Ag4 Ag7	60.68(3)	S26 Ag48 Ag64	147.52(7)
Ag6 Ag4 Ag8	57.50(2)	Ag3 Ag49 Ag64	102.75(3)
Ag6 Ag4 Ag10	122.11(3)	Ag23 Ag49 Ag3	52.24(2)
Ag6 Ag4 Ag23	120.35(3)	Ag23 Ag49 Ag34	85.36(3)
Ag6 Ag4 Ag33	62.06(3)	Ag23 Ag49 Ag48	57.91(3)
Ag6 Ag4 Ag34	114.37(4)	Ag23 Ag49 Ag50	97.14(4)
Ag6 Ag4 Ag35	63.88(3)	Ag23 Ag49 Ag64	56.22(3)
Ag7 Ag4 Ag2	88.11(3)	Ag34 Ag49 Ag3	59.28(3)
Ag7 Ag4 Ag8	60.40(2)	Ag34 Ag49 Ag50	84.86(4)
Ag7 Ag4 Ag10	149.98(4)	Ag34 Ag49 Ag64	91.13(3)
Ag7 Ag4 Ag23	59.68(3)	Ag48 Ag49 Ag3	101.77(3)
Ag7 Ag4 Ag33	64.31(3)	Ag48 Ag49 Ag34	140.10(4)
Ag7 Ag4 Ag34	116.61(4)	Ag48 Ag49 Ag50	112.54(4)
Ag7 Ag4 Ag35	114.29(3)	Ag48 Ag49 Ag64	56.89(3)
Ag8 Ag4 Ag2	61.97(2)	Ag50 Ag49 Ag3	52.92(3)
Ag10 Ag4 Ag2	64.08(3)	Ag50 Ag49 Ag64	153.33(4)
Ag10 Ag4 Ag8	94.65(3)	S10 Ag49 Ag3	86.69(7)
Ag10 Ag4 Ag23	109.82(3)	S10 Ag49 Ag23	83.92(7)
Ag10 Ag4 Ag33	145.55(4)	S10 Ag49 Ag34	143.15(9)
Ag10 Ag4 Ag35	89.73(3)	S10 Ag49 Ag48	54.66(7)
Ag23 Ag4 Ag2	59.69(3)	S10 Ag49 Ag50	61.76(8)

Ag23 Ag4 Ag8	93.27(3)	S10 Ag49 Ag64	111.39(8)
Ag23 Ag4 Ag33	91.15(3)	S38 Ag49 Ag3	102.94(8)
Ag23 Ag4 Ag35	146.46(3)	S38 Ag49 Ag23	95.22(7)
Ag33 Ag4 Ag2	148.10(4)	S38 Ag49 Ag34	49.11(8)
Ag33 Ag4 Ag8	111.63(3)	S38 Ag49 Ag48	114.25(9)
Ag33 Ag4 Ag35	60.26(3)	S38 Ag49 Ag50	130.91(10)
Ag34 Ag4 Ag2	126.13(3)	S38 Ag49 Ag64	58.59(8)
Ag34 Ag4 Ag8	171.87(4)	S38 Ag49 S10	167.18(13)
Ag34 Ag4 Ag10	90.28(3)	Ag3 Ag50 Ag49	63.91(3)
Ag34 Ag4 Ag23	91.12(3)	Ag3 Ag50 Ag51	58.57(3)
Ag34 Ag4 Ag33	61.41(3)	Ag3 Ag50 S10	84.13(6)
Ag34 Ag4 Ag35	60.87(3)	Ag51 Ag50 Ag49	90.57(4)
Ag35 Ag4 Ag2	151.50(4)	S10 Ag50 Ag49	45.36(6)
Ag35 Ag4 Ag8	112.61(3)	S10 Ag50 Ag51	133.44(7)
Ag4 Ag5 Ag8	62.05(3)	S11 Ag50 Ag3	90.54(8)
Ag4 Ag5 Ag9	89.06(3)	S11 Ag50 Ag49	64.89(9)
Ag4 Ag5 Ag10	60.08(3)	S11 Ag50 Ag51	54.54(9)
Ag4 Ag5 Ag28	108.10(3)	S11 Ag50 S10	104.07(11)
Ag4 Ag5 Ag29	146.14(4)	S12 Ag50 Ag3	105.75(7)
Ag4 Ag5 Ag30	109.01(3)	S12 Ag50 Ag49	138.39(9)
Ag4 Ag5 Ag35	59.28(3)	S12 Ag50 Ag51	119.40(9)
Ag4 Ag5 Ag36	94.34(3)	S12 Ag50 S10	95.46(10)
Ag4 Ag5 Ag69	151.30(3)	S12 Ag50 S11	155.80(12)
Ag6 Ag5 Ag4	57.30(2)	Ag3 Ag51 Ag10	52.12(2)
Ag6 Ag5 Ag8	57.16(3)	Ag3 Ag51 Ag34	65.84(3)
Ag6 Ag5 Ag9	117.52(3)	Ag3 Ag51 Ag50	58.13(3)
Ag6 Ag5 Ag10	117.35(3)	Ag34 Ag51 Ag10	81.35(3)
Ag6 Ag5 Ag28	57.06(3)	Ag34 Ag51 Ag50	92.49(4)
Ag6 Ag5 Ag29	121.61(3)	Ag50 Ag51 Ag10	105.64(4)
Ag6 Ag5 Ag30	62.75(3)	S7 Ag51 Ag3	100.57(7)
Ag6 Ag5 Ag35	60.78(3)	S7 Ag51 Ag10	73.41(6)
Ag6 Ag5 Ag36	123.72(3)	S7 Ag51 Ag34	51.49(7)
Ag6 Ag5 Ag69	124.95(4)	S7 Ag51 Ag50	143.96(8)
Ag8 Ag5 Ag10	95.24(3)	S8 Ag51 Ag3	97.86(8)
Ag8 Ag5 Ag28	60.13(3)	S8 Ag51 Ag10	70.03(7)
Ag8 Ag5 Ag29	88.42(3)	S8 Ag51 Ag34	151.13(8)
Ag8 Ag5 Ag30	111.04(3)	S8 Ag51 Ag50	98.65(9)
Ag8 Ag5 Ag35	110.05(3)	S8 Ag51 S7	113.85(11)
Ag8 Ag5 Ag36	152.45(3)	S8 Ag51 S11	138.92(11)
Ag8 Ag5 Ag69	146.14(3)	S11 Ag51 Ag3	87.73(8)

Ag9 Ag5 Ag8 60.68(3)	S11 Ag51 Ag10 137.15(9)
Ag9 Ag5 Ag10 62.30(2)	S11 Ag51 Ag34 67.04(8)
Ag9 Ag5 Ag28 96.83(3)	S11 Ag51 Ag50 50.68(8)
Ag9 Ag5 Ag29 60.51(3)	S11 Ag51 S7 104.89(11)
Ag9 Ag5 Ag30 154.21(3)	Ag38 Ag52 Ag41 96.28(4)
Ag9 Ag5 Ag35 144.45(3)	Ag38 Ag52 Ag42 54.11(3)
Ag9 Ag5 Ag36 108.17(3)	Ag38 Ag52 Ag54 99.38(4)
Ag9 Ag5 Ag69 109.53(4)	Ag38 Ag52 Ag55 145.42(4)
Ag10 Ag5 Ag28 154.44(4)	Ag39 Ag52 Ag38 57.38(3)
Ag10 Ag5 Ag29 110.79(3)	Ag39 Ag52 Ag41 53.02(3)
Ag10 Ag5 Ag30 142.71(3)	Ag39 Ag52 Ag42 51.12(3)
Ag10 Ag5 Ag35 86.32(3)	Ag39 Ag52 Ag54 95.92(4)
Ag10 Ag5 Ag36 58.78(3)	Ag39 Ag52 Ag55 88.75(4)
Ag10 Ag5 Ag69 108.65(3)	Ag41 Ag52 Ag54 52.68(3)
Ag12 Ag5 Ag4 116.64(3)	Ag42 Ag52 Ag41 48.22(3)
Ag12 Ag5 Ag6 173.31(4)	Ag42 Ag52 Ag54 52.51(3)
Ag12 Ag5 Ag8 118.39(3)	Ag42 Ag52 Ag55 111.77(4)
Ag12 Ag5 Ag9 57.72(3)	Ag55 Ag52 Ag41 63.59(3)
Ag12 Ag5 Ag10 56.80(2)	Ag55 Ag52 Ag54 90.16(4)
Ag12 Ag5 Ag28 126.41(3)	S12 Ag52 Ag38 119.51(9)
Ag12 Ag5 Ag29 61.30(2)	S12 Ag52 Ag39 89.81(7)
Ag12 Ag5 Ag30 123.72(4)	S12 Ag52 Ag41 100.98(8)
Ag12 Ag5 Ag35 119.71(3)	S12 Ag52 Ag42 138.95(8)
Ag12 Ag5 Ag36 57.35(2)	S12 Ag52 Ag54 136.39(9)
Ag12 Ag5 Ag69 61.66(3)	S12 Ag52 Ag55 46.66(8)
Ag28 Ag5 Ag30 60.64(3)	S12 Ag52 S14 91.97(11)
Ag28 Ag5 Ag36 146.64(4)	S13 Ag52 Ag38 55.99(8)
Ag28 Ag5 Ag69 91.66(3)	S13 Ag52 Ag39 110.32(8)
Ag29 Ag5 Ag28 65.12(3)	S13 Ag52 Ag41 118.55(8)
Ag29 Ag5 Ag30 96.39(3)	S13 Ag52 Ag42 74.71(7)
Ag29 Ag5 Ag35 154.00(4)	S13 Ag52 Ag54 76.99(8)
Ag29 Ag5 Ag36 108.40(3)	S13 Ag52 Ag55 157.78(9)
Ag29 Ag5 Ag69 61.12(3)	S13 Ag52 S12 140.31(11)
Ag35 Ag5 Ag28 107.58(3)	S13 Ag52 S14 110.22(11)
Ag35 Ag5 Ag30 60.46(3)	S14 Ag52 Ag38 144.69(8)
Ag35 Ag5 Ag36 62.95(3)	S14 Ag52 Ag39 111.68(7)
Ag35 Ag5 Ag69 95.47(3)	S14 Ag52 Ag41 59.73(6)
Ag36 Ag5 Ag30 89.18(3)	S14 Ag52 Ag42 92.03(7)
Ag36 Ag5 Ag69 59.67(3)	S14 Ag52 Ag54 45.92(7)
Ag69 Ag5 Ag30 62.41(3)	S14 Ag52 Ag55 49.88(7)

Ag4	Ag6	Ag5	61.75(3)	Ag42	Ag53	Ag54	62.60(3)
Ag4	Ag6	Ag7	61.98(3)	Ag42	Ag53	Ag65	111.48(4)
Ag4	Ag6	Ag8	65.78(3)	Ag42	Ag53	Ag66	72.32(4)
Ag4	Ag6	Ag27	117.68(4)	Ag54	Ag53	Ag65	92.52(4)
Ag4	Ag6	Ag28	120.21(4)	Ag54	Ag53	Ag66	134.16(5)
Ag4	Ag6	Ag30	117.78(3)	Ag66	Ag53	Ag65	96.52(4)
Ag4	Ag6	Ag31	138.93(3)	S13	Ag53	Ag42	81.31(7)
Ag4	Ag6	Ag32	118.48(3)	S13	Ag53	Ag54	85.58(8)
Ag4	Ag6	Ag33	62.38(3)	S13	Ag53	Ag65	164.46(8)
Ag4	Ag6	Ag35	61.72(3)	S13	Ag53	Ag66	95.83(8)
Ag5	Ag6	Ag27	116.56(3)	S28	Ag53	Ag42	110.77(8)
Ag5	Ag6	Ag28	66.53(3)	S28	Ag53	Ag54	53.27(7)
Ag5	Ag6	Ag30	69.48(3)	S28	Ag53	Ag65	53.61(7)
Ag5	Ag6	Ag31	122.79(4)	S28	Ag53	Ag66	149.65(8)
Ag5	Ag6	Ag32	177.72(4)	S28	Ag53	S13	114.51(10)
Ag5	Ag6	Ag33	113.62(3)	S30	Ag53	Ag42	118.08(8)
Ag5	Ag6	Ag35	64.04(3)	S30	Ag53	Ag54	150.68(8)
Ag7	Ag6	Ag5	113.38(3)	S30	Ag53	Ag65	59.10(8)
Ag7	Ag6	Ag27	65.44(3)	S30	Ag53	Ag66	51.64(8)
Ag7	Ag6	Ag28	119.39(4)	S30	Ag53	S13	123.73(11)
Ag7	Ag6	Ag30	175.01(4)	S30	Ag53	S28	106.59(11)
Ag7	Ag6	Ag31	122.65(4)	Ag41	Ag54	Ag43	66.23(4)
Ag7	Ag6	Ag32	68.16(3)	Ag41	Ag54	Ag45	60.77(3)
Ag7	Ag6	Ag33	64.85(3)	Ag41	Ag54	Ag52	63.64(3)
Ag7	Ag6	Ag35	113.58(3)	Ag42	Ag54	Ag41	54.48(3)
Ag8	Ag6	Ag5	62.93(3)	Ag42	Ag54	Ag43	59.51(3)
Ag8	Ag6	Ag7	63.55(3)	Ag42	Ag54	Ag45	115.13(4)
Ag8	Ag6	Ag27	62.37(3)	Ag42	Ag54	Ag52	62.09(3)
Ag8	Ag6	Ag28	65.39(3)	Ag43	Ag54	Ag45	92.31(4)
Ag8	Ag6	Ag30	121.23(3)	Ag43	Ag54	Ag52	117.71(4)
Ag8	Ag6	Ag31	155.29(3)	Ag45	Ag54	Ag52	93.63(4)
Ag8	Ag6	Ag32	119.32(4)	Ag53	Ag54	Ag41	112.51(4)
Ag8	Ag6	Ag33	118.85(3)	Ag53	Ag54	Ag42	58.49(3)
Ag8	Ag6	Ag35	117.66(3)	Ag53	Ag54	Ag43	87.35(4)
Ag27	Ag6	Ag30	117.43(3)	Ag53	Ag54	Ag45	172.56(5)
Ag27	Ag6	Ag31	97.08(3)	Ag53	Ag54	Ag52	79.99(4)
Ag27	Ag6	Ag32	65.50(3)	S14	Ag54	Ag41	67.96(7)
Ag27	Ag6	Ag33	119.32(4)	S14	Ag54	Ag42	105.77(8)
Ag27	Ag6	Ag35	178.96(4)	S14	Ag54	Ag43	130.61(8)
Ag28	Ag6	Ag27	63.31(3)	S14	Ag54	Ag45	48.58(7)

Ag28 Ag6 Ag30 65.32(3)	S14 Ag54 Ag52 51.97(8)
Ag28 Ag6 Ag31 93.86(3)	S14 Ag54 Ag53 127.32(8)
Ag28 Ag6 Ag32 114.40(3)	S14 Ag54 S27 100.66(10)
Ag28 Ag6 Ag33 175.56(4)	S27 Ag54 Ag41 77.14(7)
Ag28 Ag6 Ag35 117.70(4)	S27 Ag54 Ag42 107.09(7)
Ag31 Ag6 Ag30 53.82(3)	S27 Ag54 Ag43 51.87(7)
Ag31 Ag6 Ag32 55.38(3)	S27 Ag54 Ag45 52.10(7)
Ag31 Ag6 Ag33 82.34(3)	S27 Ag54 Ag52 138.00(8)
Ag31 Ag6 Ag35 83.15(3)	S27 Ag54 Ag53 131.63(8)
Ag32 Ag6 Ag30 108.86(3)	S28 Ag54 Ag41 159.35(8)
Ag33 Ag6 Ag30 110.39(3)	S28 Ag54 Ag42 110.56(8)
Ag33 Ag6 Ag32 65.28(3)	S28 Ag54 Ag43 94.30(8)
Ag33 Ag6 Ag35 59.69(3)	S28 Ag54 Ag45 130.22(9)
Ag35 Ag6 Ag30 63.52(3)	S28 Ag54 Ag52 125.38(8)
Ag35 Ag6 Ag32 113.91(3)	S28 Ag54 Ag53 57.20(8)
Ag4 Ag7 Ag8 61.75(3)	S28 Ag54 S14 132.69(10)
Ag4 Ag7 Ag21 92.47(3)	S28 Ag54 S27 96.61(11)
Ag4 Ag7 Ag23 61.14(3)	Ag40 Ag55 Ag41 50.77(3)
Ag4 Ag7 Ag24 117.03(3)	Ag40 Ag55 Ag46 52.00(3)
Ag4 Ag7 Ag26 149.91(4)	Ag40 Ag55 Ag52 81.55(3)
Ag4 Ag7 Ag27 108.15(3)	Ag46 Ag55 Ag41 46.72(2)
Ag4 Ag7 Ag32 110.34(4)	Ag46 Ag55 Ag52 105.39(4)
Ag4 Ag7 Ag33 58.96(3)	Ag47 Ag55 Ag40 58.49(3)
Ag4 Ag7 Ag64 98.29(3)	Ag47 Ag55 Ag41 94.51(3)
Ag6 Ag7 Ag4 57.34(3)	Ag47 Ag55 Ag46 54.49(3)
Ag6 Ag7 Ag8 57.02(3)	Ag47 Ag55 Ag52 139.81(4)
Ag6 Ag7 Ag21 117.18(3)	Ag52 Ag55 Ag41 58.71(3)
Ag6 Ag7 Ag23 118.47(3)	S12 Ag55 Ag40 84.67(7)
Ag6 Ag7 Ag24 173.34(4)	S12 Ag55 Ag41 96.39(7)
Ag6 Ag7 Ag26 123.98(3)	S12 Ag55 Ag46 134.10(7)
Ag6 Ag7 Ag27 58.74(3)	S12 Ag55 Ag47 119.03(8)
Ag6 Ag7 Ag32 62.71(3)	S12 Ag55 Ag52 46.30(8)
Ag6 Ag7 Ag33 59.10(3)	S12 Ag55 S14 93.53(10)
Ag6 Ag7 Ag64 125.55(4)	S14 Ag55 Ag40 107.62(7)
Ag8 Ag7 Ag27 58.14(3)	S14 Ag55 Ag41 57.73(6)
Ag8 Ag7 Ag32 109.77(3)	S14 Ag55 Ag46 87.16(7)
Ag8 Ag7 Ag33 108.49(3)	S14 Ag55 Ag47 140.50(8)
Ag8 Ag7 Ag64 155.93(4)	S14 Ag55 Ag52 51.93(8)
Ag21 Ag7 Ag8 60.17(3)	S15 Ag55 Ag40 114.09(7)
Ag21 Ag7 Ag27 89.40(3)	S15 Ag55 Ag41 120.35(7)

Ag21 Ag7 Ag32	147.29(3)	S15 Ag55 Ag46	77.53(7)
Ag21 Ag7 Ag33	149.27(3)	S15 Ag55 Ag47	58.16(7)
Ag21 Ag7 Ag64	111.14(4)	S15 Ag55 Ag52	159.80(8)
Ag23 Ag7 Ag8	94.95(3)	S15 Ag55 S12	142.99(11)
Ag23 Ag7 Ag21	65.48(3)	S15 Ag55 S14	109.07(11)
Ag23 Ag7 Ag26	109.31(4)	Ag45 Ag56 Ag59	95.13(4)
Ag23 Ag7 Ag27	150.85(4)	Ag46 Ag56 Ag45	61.44(3)
Ag23 Ag7 Ag32	146.12(4)	Ag46 Ag56 Ag59	109.64(3)
Ag23 Ag7 Ag33	88.94(3)	Ag57 Ag56 Ag45	135.50(5)
Ag23 Ag7 Ag64	62.09(3)	Ag57 Ag56 Ag46	74.77(4)
Ag24 Ag7 Ag8	117.92(3)	Ag57 Ag56 Ag59	92.16(4)
Ag24 Ag7 Ag21	57.87(3)	S15 Ag56 Ag45	92.00(8)
Ag24 Ag7 Ag23	56.12(2)	S15 Ag56 Ag46	83.86(7)
Ag24 Ag7 Ag26	58.56(3)	S15 Ag56 Ag57	90.77(8)
Ag24 Ag7 Ag27	123.52(3)	S15 Ag56 Ag59	166.48(7)
Ag24 Ag7 Ag32	123.94(4)	S15 Ag56 S20	122.86(10)
Ag24 Ag7 Ag33	122.30(3)	S19 Ag56 Ag45	52.96(9)
Ag24 Ag7 Ag64	56.87(3)	S19 Ag56 Ag46	107.49(9)
Ag26 Ag7 Ag8	92.88(3)	S19 Ag56 Ag57	146.20(8)
Ag26 Ag7 Ag21	59.17(3)	S19 Ag56 Ag59	54.76(8)
Ag26 Ag7 Ag27	65.25(3)	S19 Ag56 S15	122.99(10)
Ag26 Ag7 Ag32	92.67(3)	S19 Ag56 S20	101.85(11)
Ag26 Ag7 Ag33	150.81(4)	S20 Ag56 Ag45	145.13(8)
Ag26 Ag7 Ag64	101.28(4)	S20 Ag56 Ag46	116.60(7)
Ag27 Ag7 Ag32	61.84(3)	S20 Ag56 Ag57	51.73(7)
Ag33 Ag7 Ag27	109.10(4)	S20 Ag56 Ag59	51.12(7)
Ag33 Ag7 Ag32	61.87(3)	Ag46 Ag57 Ag22	44.91(2)
Ag64 Ag7 Ag27	145.81(4)	Ag46 Ag57 Ag58	48.70(2)
Ag64 Ag7 Ag32	89.09(3)	Ag47 Ag57 Ag22	50.90(2)
Ag64 Ag7 Ag33	66.61(3)	Ag47 Ag57 Ag46	50.15(3)
Ag1 Ag8 Ag2	55.48(2)	Ag47 Ag57 Ag58	91.62(4)
Ag1 Ag8 Ag4	114.86(3)	Ag47 Ag57 Ag60	88.87(4)
Ag1 Ag8 Ag5	116.81(3)	Ag56 Ag57 Ag22	97.91(4)
Ag1 Ag8 Ag6	171.58(3)	Ag56 Ag57 Ag46	53.37(3)
Ag1 Ag8 Ag7	117.32(3)	Ag56 Ag57 Ag47	74.32(4)
Ag1 Ag8 Ag9	57.86(3)	Ag56 Ag57 Ag58	83.68(4)
Ag1 Ag8 Ag15	60.72(3)	Ag56 Ag57 Ag60	158.99(5)
Ag1 Ag8 Ag21	57.91(3)	Ag58 Ag57 Ag22	49.87(2)
Ag1 Ag8 Ag27	125.10(4)	Ag60 Ag57 Ag22	61.28(3)
Ag1 Ag8 Ag28	127.74(3)	Ag60 Ag57 Ag46	106.10(4)

Ag2	Ag8	Ag15	116.02(4)	Ag60	Ag57	Ag58	84.31(4)
Ag4	Ag8	Ag2	59.45(2)	S16	Ag57	Ag22	59.94(7)
Ag4	Ag8	Ag15	175.18(4)	S16	Ag57	Ag46	89.39(8)
Ag4	Ag8	Ag28	107.41(3)	S16	Ag57	Ag47	109.70(8)
Ag5	Ag8	Ag2	88.89(3)	S16	Ag57	Ag56	129.33(8)
Ag5	Ag8	Ag4	57.96(2)	S16	Ag57	Ag58	46.47(7)
Ag5	Ag8	Ag7	107.76(3)	S16	Ag57	Ag60	44.82(7)
Ag5	Ag8	Ag9	58.99(3)	S20	Ag57	Ag22	143.20(9)
Ag5	Ag8	Ag15	125.08(3)	S20	Ag57	Ag46	103.72(9)
Ag5	Ag8	Ag21	143.48(3)	S20	Ag57	Ag47	130.42(9)
Ag5	Ag8	Ag27	113.35(4)	S20	Ag57	Ag56	58.33(8)
Ag5	Ag8	Ag28	63.27(3)	S20	Ag57	Ag58	96.67(8)
Ag6	Ag8	Ag2	116.11(3)	S20	Ag57	Ag60	140.51(9)
Ag6	Ag8	Ag4	56.72(2)	S20	Ag57	S16	111.17(10)
Ag6	Ag8	Ag5	59.90(3)	S20	Ag57	S26	145.36(11)
Ag6	Ag8	Ag7	59.43(3)	S26	Ag57	Ag22	69.46(7)
Ag6	Ag8	Ag9	118.57(3)	S26	Ag57	Ag46	98.20(8)
Ag6	Ag8	Ag15	127.69(4)	S26	Ag57	Ag47	51.92(7)
Ag6	Ag8	Ag21	119.33(3)	S26	Ag57	Ag56	120.19(8)
Ag6	Ag8	Ag27	61.60(3)	S26	Ag57	Ag58	117.92(8)
Ag6	Ag8	Ag28	58.94(3)	S26	Ag57	Ag60	52.48(7)
Ag7	Ag8	Ag2	85.33(3)	S26	Ag57	S16	95.39(10)
Ag7	Ag8	Ag4	57.85(2)	Ag20	Ag58	Ag22	59.66(3)
Ag7	Ag8	Ag15	121.58(3)	Ag20	Ag58	Ag25	88.58(3)
Ag7	Ag8	Ag21	59.91(3)	Ag20	Ag58	Ag44	71.13(5)
Ag7	Ag8	Ag27	63.80(3)	Ag20	Ag58	Ag46	57.54(2)
Ag7	Ag8	Ag28	110.52(3)	Ag20	Ag58	Ag57	115.73(3)
Ag9	Ag8	Ag2	57.53(2)	Ag22	Ag58	Ag25	62.38(3)
Ag9	Ag8	Ag4	85.85(3)	Ag22	Ag58	Ag44	113.57(4)
Ag9	Ag8	Ag7	138.77(3)	Ag22	Ag58	Ag57	65.45(3)
Ag9	Ag8	Ag15	92.86(3)	Ag25	Ag58	Ag44	156.49(5)
Ag9	Ag8	Ag21	105.71(3)	Ag25	Ag58	Ag57	93.99(3)
Ag9	Ag8	Ag27	156.31(4)	Ag44	Ag58	Ag57	105.30(4)
Ag9	Ag8	Ag28	97.80(3)	Ag46	Ag58	Ag22	54.34(2)
Ag21	Ag8	Ag2	57.48(2)	Ag46	Ag58	Ag25	116.58(4)
Ag21	Ag8	Ag4	90.02(3)	Ag46	Ag58	Ag44	62.60(3)
Ag21	Ag8	Ag15	85.86(3)	Ag46	Ag58	Ag57	64.57(3)
Ag21	Ag8	Ag28	151.72(4)	S16	Ag58	Ag20	126.78(8)
Ag27	Ag8	Ag2	145.81(4)	S16	Ag58	Ag22	69.16(7)
Ag27	Ag8	Ag4	109.57(3)	S16	Ag58	Ag25	53.70(7)

Ag27 Ag8 Ag15	73.15(3)	S16 Ag58 Ag44	149.19(8)
Ag27 Ag8 Ag21	92.54(3)	S16 Ag58 Ag46	103.42(7)
Ag27 Ag8 Ag28	61.00(3)	S16 Ag58 Ag57	46.07(6)
Ag28 Ag8 Ag2	150.77(4)	S16 Ag58 S17	94.52(10)
Ag28 Ag8 Ag15	77.36(3)	S17 Ag58 Ag20	79.87(8)
Ag1 Ag9 Ag2	57.63(2)	S17 Ag58 Ag22	98.23(7)
Ag1 Ag9 Ag5	117.57(3)	S17 Ag58 Ag25	47.86(7)
Ag1 Ag9 Ag8	57.27(2)	S17 Ag58 Ag44	114.63(8)
Ag1 Ag9 Ag10	121.52(3)	S17 Ag58 Ag46	136.45(8)
Ag1 Ag9 Ag11	121.03(3)	S17 Ag58 Ag57	140.05(8)
Ag1 Ag9 Ag12	177.38(4)	S18 Ag58 Ag20	114.92(8)
Ag1 Ag9 Ag13	119.99(3)	S18 Ag58 Ag22	141.39(7)
Ag1 Ag9 Ag14	63.91(4)	S18 Ag58 Ag25	152.36(7)
Ag1 Ag9 Ag19	58.10(2)	S18 Ag58 Ag44	43.89(8)
Ag1 Ag9 Ag29	117.96(3)	S18 Ag58 Ag46	89.38(7)
Ag2 Ag9 Ag8	63.87(3)	S18 Ag58 Ag57	88.71(7)
Ag2 Ag9 Ag10	64.12(3)	S18 Ag58 S16	113.73(10)
Ag2 Ag9 Ag13	148.65(4)	S18 Ag58 S17	119.16(9)
Ag2 Ag9 Ag19	61.33(3)	S18 Ag59 Ag56	82.79(7)
Ag2 Ag9 Ag29	150.37(4)	S18 Ag59 S19	93.86(10)
Ag5 Ag9 Ag2	93.42(3)	S19 Ag59 Ag56	50.28(7)
Ag5 Ag9 Ag8	60.34(3)	S20 Ag59 Ag56	52.87(8)
Ag5 Ag9 Ag10	59.69(2)	S20 Ag59 S18	97.91(10)
Ag5 Ag9 Ag13	111.57(3)	S20 Ag59 S19	99.30(10)
Ag5 Ag9 Ag19	153.26(3)	P1 Ag59 Ag56	155.00(9)
Ag5 Ag9 Ag29	61.44(3)	P1 Ag59 S18	117.56(11)
Ag8 Ag9 Ag10	93.45(3)	P1 Ag59 S19	110.48(11)
Ag8 Ag9 Ag13	145.09(3)	P1 Ag59 S20	130.65(12)
Ag8 Ag9 Ag19	110.10(3)	Ag24 Ag60 Ag22	47.48(3)
Ag8 Ag9 Ag29	88.74(3)	Ag24 Ag60 Ag25	54.93(3)
Ag11 Ag9 Ag2	89.06(3)	Ag24 Ag60 Ag48	52.50(3)
Ag11 Ag9 Ag5	110.91(3)	Ag24 Ag60 Ag57	108.98(4)
Ag11 Ag9 Ag8	149.45(3)	Ag25 Ag60 Ag22	55.33(3)
Ag11 Ag9 Ag10	60.29(2)	Ag25 Ag60 Ag48	100.89(5)
Ag11 Ag9 Ag13	64.96(3)	Ag48 Ag60 Ag22	54.71(3)
Ag11 Ag9 Ag19	63.38(3)	Ag57 Ag60 Ag22	61.98(3)
Ag11 Ag9 Ag29	113.52(3)	Ag57 Ag60 Ag25	93.69(4)
Ag12 Ag9 Ag2	120.61(3)	Ag57 Ag60 Ag48	83.29(3)
Ag12 Ag9 Ag5	60.11(3)	Ag61 Ag60 Ag22	105.60(5)
Ag12 Ag9 Ag8	120.44(3)	Ag61 Ag60 Ag24	58.37(4)

Ag12 Ag9 Ag10	56.57(2)	Ag61 Ag60 Ag25	80.17(5)
Ag12 Ag9 Ag11	60.09(3)	Ag61 Ag60 Ag48	86.90(4)
Ag12 Ag9 Ag13	62.58(3)	Ag61 Ag60 Ag57	167.26(6)
Ag12 Ag9 Ag14	117.85(4)	S16 Ag60 Ag22	61.26(8)
Ag12 Ag9 Ag19	123.28(3)	S16 Ag60 Ag24	96.48(9)
Ag12 Ag9 Ag29	62.41(3)	S16 Ag60 Ag25	51.41(8)
Ag13 Ag9 Ag10	111.85(3)	S16 Ag60 Ag48	112.87(8)
Ag13 Ag9 Ag19	90.19(3)	S16 Ag60 Ag57	48.99(7)
Ag14 Ag9 Ag2	121.53(4)	S16 Ag60 Ag61	129.46(9)
Ag14 Ag9 Ag5	114.77(4)	S16 Ag60 S26	92.62(9)
Ag14 Ag9 Ag8	86.41(3)	S24 Ag60 Ag22	148.79(10)
Ag14 Ag9 Ag10	173.21(5)	S24 Ag60 Ag24	109.31(10)
Ag14 Ag9 Ag11	121.57(4)	S24 Ag60 Ag25	135.09(10)
Ag14 Ag9 Ag13	65.62(4)	S24 Ag60 Ag48	95.42(10)
Ag14 Ag9 Ag19	87.84(4)	S24 Ag60 Ag57	129.85(10)
Ag14 Ag9 Ag29	63.76(4)	S24 Ag60 Ag61	59.13(9)
Ag19 Ag9 Ag10	98.56(3)	S24 Ag60 S16	149.91(14)
Ag29 Ag9 Ag10	109.46(3)	S24 Ag60 S26	99.96(11)
Ag29 Ag9 Ag13	60.88(3)	S26 Ag60 Ag22	67.53(7)
Ag29 Ag9 Ag19	145.28(4)	S26 Ag60 Ag24	95.24(7)
Ag2 Ag10 Ag51	111.05(3)	S26 Ag60 Ag25	121.62(7)
Ag3 Ag10 Ag2	55.71(2)	S26 Ag60 Ag48	46.88(7)
Ag3 Ag10 Ag4	57.71(2)	S26 Ag60 Ag57	45.46(6)
Ag3 Ag10 Ag5	116.16(3)	S26 Ag60 Ag61	129.41(8)
Ag3 Ag10 Ag9	111.86(3)	Ag24 Ag61 Ag63	110.99(4)
Ag3 Ag10 Ag11	116.30(3)	Ag60 Ag61 Ag24	66.88(4)
Ag3 Ag10 Ag36	128.83(3)	Ag60 Ag61 Ag62	142.46(6)
Ag3 Ag10 Ag37	127.64(3)	Ag60 Ag61 Ag63	95.31(4)
Ag3 Ag10 Ag39	57.64(3)	Ag62 Ag61 Ag24	75.62(4)
Ag3 Ag10 Ag51	55.55(3)	Ag62 Ag61 Ag63	96.55(5)
Ag4 Ag10 Ag2	59.62(3)	S22 Ag61 Ag24	116.64(9)
Ag4 Ag10 Ag5	58.72(2)	S22 Ag61 Ag60	150.30(9)
Ag4 Ag10 Ag9	85.90(3)	S22 Ag61 Ag62	50.88(9)
Ag4 Ag10 Ag11	138.31(3)	S22 Ag61 Ag63	55.24(8)
Ag4 Ag10 Ag36	96.99(3)	S22 Ag61 S24	103.84(11)
Ag4 Ag10 Ag37	155.05(4)	S24 Ag61 Ag24	110.83(9)
Ag4 Ag10 Ag39	106.02(3)	S24 Ag61 Ag60	52.20(8)
Ag4 Ag10 Ag51	88.15(3)	S24 Ag61 Ag62	150.27(9)
Ag5 Ag10 Ag2	87.69(3)	S24 Ag61 Ag63	53.76(8)
Ag5 Ag10 Ag9	58.02(2)	S25 Ag61 Ag24	76.98(7)

Ag5	Ag10	Ag36	64.28(3)	S25	Ag61	Ag60	85.11(8)
Ag5	Ag10	Ag37	112.33(3)	S25	Ag61	Ag62	88.12(8)
Ag5	Ag10	Ag51	127.17(3)	S25	Ag61	Ag63	171.53(8)
Ag9	Ag10	Ag2	56.23(2)	S25	Ag61	S22	124.58(11)
Ag9	Ag10	Ag37	109.64(3)	S25	Ag61	S24	121.53(12)
Ag9	Ag10	Ag51	167.20(4)	Ag26	Ag62	Ag24	48.41(3)
Ag11	Ag10	Ag2	82.65(3)	Ag26	Ag62	Ag32	87.14(4)
Ag11	Ag10	Ag5	106.41(3)	Ag26	Ag62	Ag64	89.22(4)
Ag11	Ag10	Ag9	56.66(2)	Ag32	Ag62	Ag24	104.71(4)
Ag11	Ag10	Ag36	111.29(3)	Ag61	Ag62	Ag24	52.65(3)
Ag11	Ag10	Ag37	64.96(3)	Ag61	Ag62	Ag26	76.18(5)
Ag11	Ag10	Ag51	124.20(3)	Ag61	Ag62	Ag32	157.32(6)
Ag12	Ag10	Ag2	113.20(3)	Ag61	Ag62	Ag64	79.54(4)
Ag12	Ag10	Ag3	168.90(3)	Ag64	Ag62	Ag24	47.75(3)
Ag12	Ag10	Ag4	118.09(3)	Ag64	Ag62	Ag32	85.05(4)
Ag12	Ag10	Ag5	59.62(2)	S6	Ag62	Ag24	89.61(7)
Ag12	Ag10	Ag9	57.05(2)	S6	Ag62	Ag26	108.42(8)
Ag12	Ag10	Ag11	58.86(3)	S6	Ag62	Ag32	45.08(7)
Ag12	Ag10	Ag36	60.18(3)	S6	Ag62	Ag61	126.33(8)
Ag12	Ag10	Ag37	61.04(3)	S6	Ag62	Ag64	47.94(7)
Ag12	Ag10	Ag39	118.20(3)	S21	Ag62	Ag24	95.79(9)
Ag12	Ag10	Ag51	135.52(4)	S21	Ag62	Ag26	52.53(8)
Ag36	Ag10	Ag2	150.97(3)	S21	Ag62	Ag32	47.57(8)
Ag36	Ag10	Ag9	109.15(3)	S21	Ag62	Ag61	125.33(11)
Ag36	Ag10	Ag37	59.97(3)	S21	Ag62	Ag64	113.39(9)
Ag36	Ag10	Ag51	82.81(3)	S21	Ag62	S6	90.58(11)
Ag37	Ag10	Ag2	145.28(4)	S22	Ag62	Ag24	102.46(9)
Ag37	Ag10	Ag51	79.99(3)	S22	Ag62	Ag26	132.54(11)
Ag39	Ag10	Ag2	56.47(2)	S22	Ag62	Ag32	140.27(11)
Ag39	Ag10	Ag5	141.41(3)	S22	Ag62	Ag61	57.63(9)
Ag39	Ag10	Ag9	87.57(3)	S22	Ag62	Ag64	92.37(8)
Ag39	Ag10	Ag11	59.37(3)	S22	Ag62	S6	107.42(12)
Ag39	Ag10	Ag36	152.56(4)	S22	Ag62	S21	154.23(12)
Ag39	Ag10	Ag37	94.37(3)	S22	Ag63	Ag61	53.81(8)
Ag39	Ag10	Ag51	83.19(3)	S23	Ag63	Ag61	83.31(7)
Ag9	Ag11	Ag10	63.05(3)	S23	Ag63	S22	98.83(10)
Ag9	Ag11	Ag13	59.68(3)	S23	Ag63	S24	96.93(11)
Ag9	Ag11	Ag18	92.90(3)	S24	Ag63	Ag61	54.54(8)
Ag9	Ag11	Ag19	60.71(3)	S24	Ag63	S22	103.24(11)
Ag9	Ag11	Ag37	109.89(3)	P2	Ag63	Ag61	153.33(10)

Ag9 Ag11 Ag38 146.52(4)	P2 Ag63 S22 113.46(13)
Ag9 Ag11 Ag39 91.81(3)	P2 Ag63 S23 123.26(12)
Ag9 Ag11 Ag66 150.37(3)	P2 Ag63 S24 117.62(13)
Ag10 Ag11 Ag13 109.89(3)	Ag7 Ag64 Ag23 56.97(3)
Ag10 Ag11 Ag18 152.90(4)	Ag7 Ag64 Ag33 57.91(3)
Ag10 Ag11 Ag19 98.61(3)	Ag7 Ag64 Ag48 107.22(4)
Ag10 Ag11 Ag37 58.96(3)	Ag7 Ag64 Ag49 101.49(4)
Ag10 Ag11 Ag38 88.22(3)	Ag7 Ag64 Ag62 71.22(4)
Ag10 Ag11 Ag66 145.15(3)	Ag23 Ag64 Ag33 81.77(3)
Ag12 Ag11 Ag9 58.82(3)	Ag23 Ag64 Ag48 56.81(3)
Ag12 Ag11 Ag10 57.16(2)	Ag23 Ag64 Ag49 53.27(3)
Ag12 Ag11 Ag13 60.26(2)	Ag23 Ag64 Ag62 119.03(4)
Ag12 Ag11 Ag18 122.60(3)	Ag24 Ag64 Ag7 59.10(3)
Ag12 Ag11 Ag19 119.37(3)	Ag24 Ag64 Ag23 55.03(3)
Ag12 Ag11 Ag37 58.28(2)	Ag24 Ag64 Ag33 115.97(4)
Ag12 Ag11 Ag38 120.88(3)	Ag24 Ag64 Ag48 60.54(3)
Ag12 Ag11 Ag39 117.44(3)	Ag24 Ag64 Ag49 101.49(4)
Ag12 Ag11 Ag66 121.23(4)	Ag24 Ag64 Ag62 72.50(4)
Ag13 Ag11 Ag37 108.83(3)	Ag24 Ag64 S38 136.38(7)
Ag13 Ag11 Ag66 93.52(3)	Ag33 Ag64 Ag49 80.71(3)
Ag18 Ag11 Ag13 62.34(3)	Ag48 Ag64 Ag33 132.33(4)
Ag18 Ag11 Ag19 56.39(3)	Ag48 Ag64 Ag49 56.67(3)
Ag18 Ag11 Ag37 147.29(4)	Ag48 Ag64 Ag62 121.92(5)
Ag18 Ag11 Ag66 61.19(3)	Ag62 Ag64 Ag33 97.24(4)
Ag19 Ag11 Ag13 86.12(3)	Ag62 Ag64 Ag49 172.16(5)
Ag19 Ag11 Ag37 155.89(4)	S6 Ag64 Ag7 72.52(7)
Ag19 Ag11 Ag66 108.69(3)	S6 Ag64 Ag23 124.07(8)
Ag37 Ag11 Ag66 89.66(3)	S6 Ag64 Ag24 117.71(7)
Ag38 Ag11 Ag13 153.12(4)	S6 Ag64 Ag33 49.75(8)
Ag38 Ag11 Ag18 109.57(3)	S6 Ag64 Ag48 177.50(9)
Ag38 Ag11 Ag19 111.37(3)	S6 Ag64 Ag49 125.82(8)
Ag38 Ag11 Ag37 62.92(3)	S6 Ag64 Ag62 55.59(8)
Ag38 Ag11 Ag66 62.13(3)	S6 Ag64 S23 128.07(10)
Ag39 Ag11 Ag10 60.31(3)	S6 Ag64 S38 84.20(9)
Ag39 Ag11 Ag13 149.01(4)	S23 Ag64 Ag7 150.46(8)
Ag39 Ag11 Ag18 111.69(3)	S23 Ag64 Ag23 107.85(7)
Ag39 Ag11 Ag19 68.01(3)	S23 Ag64 Ag24 91.36(8)
Ag39 Ag11 Ag37 91.33(3)	S23 Ag64 Ag33 150.54(8)
Ag39 Ag11 Ag38 57.33(3)	S23 Ag64 Ag48 51.17(7)
Ag39 Ag11 Ag66 110.34(3)	S23 Ag64 Ag49 83.30(7)

Ag42 Ag11 Ag9	117.13(4)	S23	Ag64 Ag62	101.63(7)
Ag42 Ag11 Ag10	118.04(3)	S23	Ag64 S38	104.05(9)
Ag42 Ag11 Ag12	174.42(4)	S38	Ag64 Ag7	98.59(7)
Ag42 Ag11 Ag13	121.97(3)	S38	Ag64 Ag23	81.36(7)
Ag42 Ag11 Ag18	60.00(3)	S38	Ag64 Ag33	48.74(6)
Ag42 Ag11 Ag19	57.10(2)	S38	Ag64 Ag48	98.29(7)
Ag42 Ag11 Ag37	122.78(3)	S38	Ag64 Ag49	42.51(6)
Ag42 Ag11 Ag38	59.87(3)	S38	Ag64 Ag62	139.80(7)
Ag42 Ag11 Ag39	57.74(3)	S28	Ag65 Ag53	54.92(8)
Ag42 Ag11 Ag66	64.28(3)	S28	Ag65 S29	105.62(10)
Ag5 Ag12 Ag13	112.80(3)	S28	Ag65 S30	101.99(10)
Ag5 Ag12 Ag29	61.98(3)	S29	Ag65 Ag53	82.68(7)
Ag5 Ag12 Ag36	67.05(3)	S29	Ag65 S30	90.57(10)
Ag5 Ag12 Ag37	118.36(3)	S30	Ag65 Ag53	52.68(7)
Ag5 Ag12 Ag67	176.69(3)	P4	Ag65 Ag53	156.44(10)
Ag5 Ag12 Ag68	123.06(3)	P4	Ag65 S28	119.76(12)
Ag5 Ag12 Ag69	66.94(3)	P4	Ag65 S29	119.35(11)
Ag9 Ag12 Ag5	62.17(3)	P4	Ag65 S30	114.61(12)
Ag9 Ag12 Ag11	61.09(3)	Ag18	Ag66 Ag11	51.74(3)
Ag9 Ag12 Ag13	62.05(3)	Ag18	Ag66 Ag38	93.09(4)
Ag9 Ag12 Ag29	62.13(3)	Ag18	Ag66 Ag42	50.53(3)
Ag9 Ag12 Ag36	120.29(3)	Ag18	Ag66 Ag67	89.63(4)
Ag9 Ag12 Ag37	120.00(3)	Ag38	Ag66 Ag11	51.16(3)
Ag9 Ag12 Ag67	120.61(3)	Ag38	Ag66 Ag42	49.95(3)
Ag9 Ag12 Ag68	137.67(3)	Ag38	Ag66 Ag67	88.08(4)
Ag9 Ag12 Ag69	117.38(3)	Ag42	Ag66 Ag11	46.60(2)
Ag10 Ag12 Ag5	63.59(3)	Ag42	Ag66 Ag67	109.89(4)
Ag10 Ag12 Ag9	66.38(3)	Ag53	Ag66 Ag11	99.19(4)
Ag10 Ag12 Ag11	63.98(3)	Ag53	Ag66 Ag18	86.77(4)
Ag10 Ag12 Ag13	119.73(3)	Ag53	Ag66 Ag38	72.01(4)
Ag10 Ag12 Ag29	117.17(3)	Ag53	Ag66 Ag42	53.39(3)
Ag10 Ag12 Ag36	64.26(3)	Ag53	Ag66 Ag67	159.52(5)
Ag10 Ag12 Ag37	64.29(3)	Ag67	Ag66 Ag11	63.30(3)
Ag10 Ag12 Ag67	118.78(3)	S30	Ag66 Ag11	150.41(10)
Ag10 Ag12 Ag68	155.94(3)	S30	Ag66 Ag18	105.33(9)
Ag10 Ag12 Ag69	118.33(3)	S30	Ag66 Ag38	123.64(9)
Ag11 Ag12 Ag5	113.46(3)	S30	Ag66 Ag42	105.55(9)
Ag11 Ag12 Ag13	65.10(3)	S30	Ag66 Ag53	56.92(9)
Ag11 Ag12 Ag29	114.12(3)	S30	Ag66 Ag67	143.06(10)
Ag11 Ag12 Ag36	119.05(3)	S30	Ag66 S31	121.51(11)

Ag11 Ag12 Ag37 67.84(3)	S30 Ag66 S37 138.45(11)
Ag11 Ag12 Ag67 69.85(3)	S31 Ag66 Ag11 61.93(7)
Ag11 Ag12 Ag68 121.77(3)	S31 Ag66 Ag18 50.42(7)
Ag11 Ag12 Ag69 176.85(3)	S31 Ag66 Ag38 111.37(8)
Ag13 Ag12 Ag67 68.40(3)	S31 Ag66 Ag42 94.31(8)
Ag13 Ag12 Ag68 80.67(3)	S31 Ag66 Ag53 136.69(9)
Ag13 Ag12 Ag69 111.79(3)	S31 Ag66 Ag67 46.46(7)
Ag29 Ag12 Ag13 60.63(3)	S37 Ag66 Ag11 65.03(7)
Ag29 Ag12 Ag67 117.19(3)	S37 Ag66 Ag18 115.53(8)
Ag29 Ag12 Ag68 83.07(3)	S37 Ag66 Ag38 49.61(7)
Ag29 Ag12 Ag69 63.11(3)	S37 Ag66 Ag42 95.07(8)
Ag36 Ag12 Ag13 175.73(4)	S37 Ag66 Ag53 116.46(8)
Ag36 Ag12 Ag29 116.70(3)	S37 Ag66 Ag67 48.06(7)
Ag36 Ag12 Ag37 62.22(3)	S37 Ag66 S31 91.64(10)
Ag36 Ag12 Ag67 111.51(3)	Ag37 Ag67 Ag12 50.45(3)
Ag36 Ag12 Ag68 95.83(3)	Ag37 Ag67 Ag66 88.76(4)
Ag36 Ag12 Ag69 64.07(3)	Ag66 Ag67 Ag12 105.62(4)
Ag37 Ag12 Ag13 120.32(3)	Ag68 Ag67 Ag12 54.52(3)
Ag37 Ag12 Ag29 177.85(4)	Ag68 Ag67 Ag37 87.15(4)
Ag37 Ag12 Ag67 62.34(3)	Ag68 Ag67 Ag66 155.76(6)
Ag37 Ag12 Ag68 95.14(3)	S31 Ag67 Ag12 90.06(8)
Ag37 Ag12 Ag69 114.90(3)	S31 Ag67 Ag37 113.44(8)
Ag68 Ag12 Ag67 53.78(3)	S31 Ag67 Ag66 48.05(7)
Ag68 Ag12 Ag69 57.15(3)	S31 Ag67 Ag68 112.81(8)
Ag69 Ag12 Ag67 109.76(3)	S31 Ag67 S37 92.35(10)
Ag9 Ag13 Ag11 55.36(2)	S35 Ag67 Ag12 104.91(9)
Ag9 Ag13 Ag12 55.37(2)	S35 Ag67 Ag37 103.40(9)
Ag9 Ag13 Ag14 54.79(3)	S35 Ag67 Ag66 147.97(10)
Ag9 Ag13 Ag18 87.32(3)	S35 Ag67 Ag68 55.83(9)
Ag9 Ag13 Ag29 59.54(3)	S35 Ag67 S31 141.19(11)
Ag11 Ag13 Ag14 103.95(4)	S35 Ag67 S37 121.60(11)
Ag11 Ag13 Ag18 57.51(2)	S37 Ag67 Ag12 93.10(8)
Ag12 Ag13 Ag11 54.64(2)	S37 Ag67 Ag37 50.12(7)
Ag12 Ag13 Ag14 102.66(4)	S37 Ag67 Ag66 47.22(7)
Ag12 Ag13 Ag18 112.14(3)	S37 Ag67 Ag68 136.92(9)
Ag12 Ag13 Ag29 59.56(2)	Ag12 Ag68 Ag70 110.69(3)
Ag14 Ag13 Ag18 93.52(4)	Ag67 Ag68 Ag12 71.69(4)
Ag29 Ag13 Ag11 104.71(3)	Ag67 Ag68 Ag70 91.70(4)
Ag29 Ag13 Ag14 59.61(3)	Ag69 Ag68 Ag12 64.28(3)
Ag29 Ag13 Ag18 145.11(4)	Ag69 Ag68 Ag67 134.02(5)

S2	Ag13 Ag9	83.66(7)	Ag69 Ag68 Ag70	91.75(4)
S2	Ag13 Ag11	98.58(7)	S33 Ag68 Ag12	108.52(8)
S2	Ag13 Ag12	138.48(7)	S33 Ag68 Ag67	142.97(7)
S2	Ag13 Ag14	48.72(7)	S33 Ag68 Ag69	50.71(8)
S2	Ag13 Ag18	53.38(6)	S33 Ag68 Ag70	52.67(7)
S2	Ag13 Ag29	107.93(7)	S35 Ag68 Ag12	115.32(8)
S2	Ag13 S31	97.38(9)	S35 Ag68 Ag67	50.00(8)
S2	Ag13 S36	129.70(9)	S35 Ag68 Ag69	145.17(8)
S31	Ag13 Ag9	122.64(7)	S35 Ag68 Ag70	54.66(8)
S31	Ag13 Ag11	67.97(6)	S35 Ag68 S33	103.71(11)
S31	Ag13 Ag12	99.41(6)	S36 Ag68 Ag12	77.77(7)
S31	Ag13 Ag14	144.91(8)	S36 Ag68 Ag67	97.09(8)
S31	Ag13 Ag18	52.64(7)	S36 Ag68 Ag69	86.33(8)
S31	Ag13 Ag29	154.55(7)	S36 Ag68 Ag70	169.46(8)
S36	Ag13 Ag9	112.24(8)	S36 Ag68 S33	119.49(10)
S36	Ag13 Ag11	130.29(7)	S36 Ag68 S35	128.41(11)
S36	Ag13 Ag12	78.29(6)	Ag5 Ag69 Ag30	62.40(3)
S36	Ag13 Ag14	100.81(8)	Ag12 Ag69 Ag5	51.40(3)
S36	Ag13 Ag18	160.08(8)	Ag12 Ag69 Ag29	55.15(3)
S36	Ag13 Ag29	54.72(7)	Ag12 Ag69 Ag30	113.52(4)
S36	Ag13 S31	110.20(10)	Ag12 Ag69 Ag36	53.46(3)
Ag1	Ag14 Ag13	109.12(4)	Ag29 Ag69 Ag5	54.18(3)
Ag1	Ag14 Ag15	60.59(3)	Ag29 Ag69 Ag30	92.24(4)
Ag1	Ag14 Ag29	109.57(4)	Ag29 Ag69 Ag36	101.05(4)
Ag9	Ag14 Ag1	57.05(3)	Ag36 Ag69 Ag5	57.49(3)
Ag9	Ag14 Ag13	59.59(3)	Ag36 Ag69 Ag30	88.02(4)
Ag9	Ag14 Ag15	99.10(4)	Ag68 Ag69 Ag5	109.19(5)
Ag9	Ag14 Ag29	60.59(3)	Ag68 Ag69 Ag12	58.58(3)
Ag15	Ag14 Ag13	155.80(5)	Ag68 Ag69 Ag29	79.55(4)
Ag15	Ag14 Ag29	102.76(5)	Ag68 Ag69 Ag30	170.95(5)
Ag29	Ag14 Ag13	58.12(3)	Ag68 Ag69 Ag36	89.83(4)
S2	Ag14 Ag1	99.00(8)	S5 Ag69 Ag5	65.50(7)
S2	Ag14 Ag9	89.47(7)	S5 Ag69 Ag12	103.16(8)
S2	Ag14 Ag13	52.33(7)	S5 Ag69 Ag29	54.03(7)
S2	Ag14 Ag15	146.01(10)	S5 Ag69 Ag30	47.72(7)
S2	Ag14 Ag29	110.01(9)	S5 Ag69 Ag36	119.91(8)
S2	Ag14 S4	156.48(12)	S5 Ag69 Ag68	127.13(8)
S4	Ag14 Ag1	103.27(9)	S5 Ag69 S32	89.37(10)
S4	Ag14 Ag9	96.27(8)	S32 Ag69 Ag5	65.08(7)
S4	Ag14 Ag13	111.96(9)	S32 Ag69 Ag12	98.49(7)

S4	Ag14	Ag15	55.43(9)	S32	Ag69	Ag29	117.31(8)
S4	Ag14	Ag29	55.07(8)	S32	Ag69	Ag30	42.89(7)
Ag1	Ag15	Ag8	53.00(2)	S32	Ag69	Ag36	51.36(6)
Ag1	Ag15	Ag16	56.04(3)	S32	Ag69	Ag68	138.64(7)
Ag1	Ag15	Ag17	57.0(3)	S33	Ag69	Ag5	155.59(8)
Ag1	Ag15	Ag27	99.01(3)	S33	Ag69	Ag12	108.84(9)
Ag8	Ag15	Ag17	101.6(3)	S33	Ag69	Ag29	131.01(9)
Ag8	Ag15	Ag27	51.16(3)	S33	Ag69	Ag30	132.14(10)
Ag14	Ag15	Ag1	59.22(3)	S33	Ag69	Ag36	100.18(7)
Ag14	Ag15	Ag8	80.31(3)	S33	Ag69	Ag68	56.91(9)
Ag14	Ag15	Ag16	89.06(5)	S33	Ag69	S5	138.71(11)
Ag14	Ag15	Ag27	125.03(5)	S33	Ag69	S32	110.48(11)
Ag16	Ag15	Ag8	102.31(4)	S33	Ag70	Ag68	54.30(8)
Ag16	Ag15	Ag17	58.6(5)	S33	Ag70	S34	94.01(10)
Ag16	Ag15	Ag27	121.60(4)	S33	Ag70	S35	103.56(11)
Ag17	Ag15	Ag27	152.7(3)	S34	Ag70	Ag68	80.15(6)
S1	Ag15	Ag1	86.26(9)	S34	Ag70	S35	94.01(10)
S1	Ag15	Ag8	138.58(9)	S35	Ag70	Ag68	52.86(7)
S1	Ag15	Ag14	71.15(11)	P3	Ag70	Ag68	153.76(9)
S1	Ag15	Ag16	49.31(10)	P3	Ag70	S33	124.99(12)
S1	Ag15	Ag17	40.4(4)	P3	Ag70	S34	124.20(10)
S1	Ag15	Ag27	163.40(12)	P3	Ag70	S35	110.46(12)
S3	Ag15	Ag1	94.24(8)	S40	Ag71	Ag31	51.29(8)
S3	Ag15	Ag8	75.54(7)	S41	Ag71	Ag31	83.35(7)
S3	Ag15	Ag14	151.86(7)	S41	Ag71	S40	96.50(11)
S3	Ag15	Ag16	82.27(10)	S41	Ag71	S42	100.12(12)
S3	Ag15	Ag17	139.6(4)	S42	Ag71	Ag31	53.90(8)
S3	Ag15	Ag27	44.40(9)	S42	Ag71	S40	99.72(12)
S3	Ag15	S1	119.85(14)	P5	Ag71	Ag31	155.74(13)
S3	Ag15	S4	134.66(13)	P5	Ag71	S40	116.67(15)
S4	Ag15	Ag1	98.64(8)	P5	Ag71	S41	120.62(15)
S4	Ag15	Ag8	78.21(7)	P5	Ag71	S42	118.90(19)
S4	Ag15	Ag14	50.93(9)	Ag16	S1	Ag15	76.76(14)
S4	Ag15	Ag16	139.70(9)	Ag17	S1	Ag15	86.0(7)
S4	Ag15	Ag17	81.6(5)	Ag17	S1	Ag16	86.3(6)
S4	Ag15	Ag27	90.54(8)	C1	S1	Ag15	109.0(5)
S4	Ag15	S1	104.30(14)	C1	S1	Ag16	112.9(5)
Ag1	Ag16	Ag15	60.26(3)	C1	S1	Ag17	157.5(8)
Ag1	Ag16	Ag17	59.6(4)	Ag13	S2	Ag18	76.14(8)
Ag17	Ag16	Ag15	62.2(5)	Ag14	S2	Ag13	78.95(9)

S1	Ag16	Ag1	92.38(10)	Ag14	S2	Ag18	132.30(11)
S1	Ag16	Ag15	53.93(11)	Ag17	S2	Ag13	122.9(7)
S1	Ag16	Ag17	42.2(4)	Ag17	S2	Ag18	134.0(5)
S1	Ag16	S17	159.52(13)	C468	S2	Ag13	111.4(4)
S17	Ag16	Ag1	106.28(8)	C468	S2	Ag14	108.0(4)
S17	Ag16	Ag15	129.03(10)	C468	S2	Ag17	94.2(6)
S17	Ag16	Ag17	157.4(4)	C468	S2	Ag18	118.8(4)
Ag1	Ag17	Ag15	58.3(4)	Ag15	S3	Ag26	147.31(12)
Ag1	Ag17	Ag16	56.6(4)	Ag15	S3	Ag27	93.25(12)
Ag16	Ag17	Ag15	59.2(4)	Ag26	S3	Ag27	80.16(9)
S1	Ag17	Ag1	97.3(8)	C466	S3	Ag15	109.9(4)
S1	Ag17	Ag15	53.6(6)	C466	S3	Ag26	102.5(4)
S1	Ag17	Ag16	51.5(5)	C466	S3	Ag27	109.3(4)
S1	Ag17	S2	163.2(10)	Ag14	S4	Ag15	73.64(10)
S2	Ag17	Ag1	98.6(6)	Ag14	S4	Ag28	129.91(11)
S2	Ag17	Ag15	133.3(10)	Ag14	S4	Ag29	75.29(10)
S2	Ag17	Ag16	144.3(8)	Ag15	S4	Ag28	95.82(11)
Ag11	Ag18	Ag13	60.15(3)	Ag15	S4	Ag29	132.75(12)
Ag11	Ag18	Ag43	111.19(4)	Ag29	S4	Ag28	78.08(8)
Ag11	Ag18	Ag66	67.07(3)	C456	S4	Ag14	100.3(4)
Ag13	Ag18	Ag66	95.71(3)	C456	S4	Ag15	104.6(4)
Ag19	Ag18	Ag11	62.24(3)	C456	S4	Ag28	129.5(5)
Ag19	Ag18	Ag13	88.00(3)	C456	S4	Ag29	115.3(4)
Ag19	Ag18	Ag42	57.77(2)	Ag28	S5	Ag29	78.08(9)
Ag19	Ag18	Ag43	63.55(4)	Ag28	S5	Ag30	81.90(9)
Ag19	Ag18	Ag66	118.31(3)	Ag30	S5	Ag29	134.71(11)
Ag42	Ag18	Ag11	55.45(2)	Ag69	S5	Ag28	134.57(12)
Ag42	Ag18	Ag13	115.27(3)	Ag69	S5	Ag29	77.54(9)
Ag42	Ag18	Ag43	61.13(3)	Ag69	S5	Ag30	88.86(9)
Ag42	Ag18	Ag66	65.54(3)	C446	S5	Ag28	106.4(4)
Ag43	Ag18	Ag13	148.94(4)	C446	S5	Ag29	99.0(4)
Ag43	Ag18	Ag66	108.31(4)	C446	S5	Ag30	125.6(4)
S2	Ag18	Ag11	98.48(6)	C446	S5	Ag69	114.9(4)
S2	Ag18	Ag13	50.48(7)	Ag32	S6	Ag33	84.21(10)
S2	Ag18	Ag19	77.26(7)	Ag32	S6	Ag62	82.62(9)
S2	Ag18	Ag42	134.32(7)	Ag32	S6	Ag64	132.78(13)
S2	Ag18	Ag43	107.55(8)	Ag33	S6	Ag62	136.21(12)
S2	Ag18	Ag66	144.11(8)	Ag64	S6	Ag33	82.61(9)
S2	Ag18	S31	96.01(9)	Ag64	S6	Ag62	76.46(9)
S29	Ag18	Ag11	140.23(7)	C390	S6	Ag32	116.8(4)

S29	Ag18	Ag13	154.85(8)	C390	S6	Ag33	95.6(4)
S29	Ag18	Ag19	113.88(8)	C390	S6	Ag62	127.5(4)
S29	Ag18	Ag42	87.95(7)	C390	S6	Ag64	109.5(4)
S29	Ag18	Ag43	50.33(8)	Ag34	S7	Ag35	71.32(8)
S29	Ag18	Ag66	84.94(7)	Ag34	S7	Ag36	129.80(11)
S29	Ag18	S2	119.93(9)	Ag34	S7	Ag51	71.14(9)
S29	Ag18	S31	112.45(11)	Ag35	S7	Ag36	76.31(8)
S31	Ag18	Ag11	69.85(7)	Ag51	S7	Ag35	129.92(12)
S31	Ag18	Ag13	53.92(7)	Ag51	S7	Ag36	104.64(11)
S31	Ag18	Ag19	129.65(7)	C370	S7	Ag34	103.6(4)
S31	Ag18	Ag42	106.08(6)	C370	S7	Ag35	113.7(5)
S31	Ag18	Ag43	155.72(8)	C370	S7	Ag36	124.4(5)
S31	Ag18	Ag66	48.56(6)	C370	S7	Ag51	106.4(4)
Ag1	Ag19	Ag2	56.12(2)	Ag37	S8	Ag38	78.46(8)
Ag1	Ag19	Ag9	56.86(2)	Ag51	S8	Ag37	109.63(12)
Ag1	Ag19	Ag11	112.39(3)	Ag51	S8	Ag38	140.01(14)
Ag1	Ag19	Ag18	128.75(3)	C360	S8	Ag37	123.9(4)
Ag1	Ag19	Ag20	58.53(2)	C360	S8	Ag38	113.2(4)
Ag1	Ag19	Ag39	109.59(3)	C360	S8	Ag51	94.9(4)
Ag1	Ag19	Ag41	117.10(3)	Ag20	S9	Ag19	63.32(7)
Ag1	Ag19	Ag42	161.51(4)	Ag43	S9	Ag19	71.60(10)
Ag1	Ag19	Ag43	135.30(4)	Ag43	S9	Ag20	121.42(11)
Ag1	Ag19	S9	88.19(7)	Ag43	S9	Ag44	93.98(10)
Ag2	Ag19	Ag11	83.24(3)	Ag44	S9	Ag19	128.70(11)
Ag2	Ag19	Ag39	53.82(2)	Ag44	S9	Ag20	86.96(12)
Ag2	Ag19	Ag43	145.73(4)	C350	S9	Ag19	114.9(4)
Ag9	Ag19	Ag2	58.16(3)	C350	S9	Ag20	118.6(4)
Ag9	Ag19	Ag11	55.91(2)	C350	S9	Ag43	113.1(4)
Ag9	Ag19	Ag39	81.27(3)	C350	S9	Ag44	116.0(4)
Ag9	Ag19	Ag43	154.82(4)	Ag47	S10	Ag50	118.19(10)
Ag11	Ag19	Ag39	53.99(2)	Ag48	S10	Ag47	69.71(7)
Ag11	Ag19	Ag43	109.41(3)	Ag48	S10	Ag50	142.05(11)
Ag18	Ag19	Ag2	143.81(4)	Ag49	S10	Ag47	135.33(11)
Ag18	Ag19	Ag9	93.05(3)	Ag49	S10	Ag48	77.43(9)
Ag18	Ag19	Ag11	61.38(3)	Ag49	S10	Ag50	72.88(9)
Ag18	Ag19	Ag20	155.99(4)	C330	S10	Ag47	114.8(4)
Ag18	Ag19	Ag39	104.40(3)	C330	S10	Ag48	115.9(4)
Ag18	Ag19	Ag41	113.76(3)	C330	S10	Ag49	106.3(4)
Ag18	Ag19	Ag43	62.05(3)	C330	S10	Ag50	95.0(4)
Ag18	Ag19	S9	100.61(8)	Ag50	S11	Ag34	103.35(10)

Ag20 Ag19 Ag2	60.18(3)	Ag50 S11	Ag51	74.78(10)
Ag20 Ag19 Ag9	107.16(3)	Ag51 S11	Ag34	62.90(7)
Ag20 Ag19 Ag11	141.38(3)	C11 S11	Ag34	145.1(4)
Ag20 Ag19 Ag39	91.64(3)	C11 S11	Ag50	111.3(4)
Ag20 Ag19 Ag41	61.71(3)	C11 S11	Ag51	122.1(4)
Ag20 Ag19 Ag43	96.41(4)	Ag50 S12	Ag52	124.69(13)
Ag41 Ag19 Ag2	78.81(3)	Ag50 S12	Ag55	112.82(12)
Ag41 Ag19 Ag9	131.74(3)	Ag52 S12	Ag55	87.04(10)
Ag41 Ag19 Ag11	101.71(3)	C320 S12	Ag50	104.8(4)
Ag41 Ag19 Ag39	54.32(2)	C320 S12	Ag52	113.5(5)
Ag41 Ag19 Ag43	67.61(3)	C320 S12	Ag55	113.4(4)
Ag42 Ag19 Ag2	106.02(3)	Ag38 S13	Ag53	92.39(9)
Ag42 Ag19 Ag9	111.50(3)	Ag52 S13	Ag38	72.11(9)
Ag42 Ag19 Ag11	56.20(2)	Ag52 S13	Ag53	108.00(11)
Ag42 Ag19 Ag18	61.68(3)	C309 S13	Ag38	123.5(4)
Ag42 Ag19 Ag20	119.46(3)	C309 S13	Ag52	113.7(4)
Ag42 Ag19 Ag39	52.25(2)	C309 S13	Ag53	131.1(4)
Ag42 Ag19 Ag41	57.76(2)	Ag45 S14	Ag52	140.12(11)
Ag42 Ag19 Ag43	61.69(3)	Ag45 S14	Ag55	90.30(10)
Ag42 Ag19 S9	105.62(6)	Ag54 S14	Ag45	83.10(9)
Ag43 Ag19 Ag39	107.28(3)	Ag54 S14	Ag52	82.11(10)
S9 Ag19 Ag2	115.58(8)	Ag54 S14	Ag55	140.19(12)
S9 Ag19 Ag9	142.60(6)	Ag55 S14	Ag52	78.20(9)
S9 Ag19 Ag11	158.23(7)	C168 S14	Ag45	121.5(4)
S9 Ag19 Ag20	55.41(8)	C168 S14	Ag52	98.4(4)
S9 Ag19 Ag39	127.30(7)	C168 S14	Ag54	111.8(4)
S9 Ag19 Ag41	73.23(6)	C168 S14	Ag55	105.1(4)
S9 Ag19 Ag43	48.88(7)	Ag55 S15	Ag47	69.18(8)
Ag1 Ag20 Ag2	56.37(2)	Ag55 S15	Ag56	106.99(10)
Ag1 Ag20 Ag19	58.25(2)	Ag56 S15	Ag47	90.74(8)
Ag1 Ag20 Ag21	56.63(2)	C158 S15	Ag47	133.0(3)
Ag1 Ag20 Ag22	112.10(3)	C158 S15	Ag55	112.4(3)
Ag1 Ag20 Ag40	108.66(3)	C158 S15	Ag56	128.8(3)
Ag1 Ag20 Ag41	114.69(3)	Ag57 S16	Ag25	142.37(13)
Ag1 Ag20 Ag46	159.68(4)	Ag57 S16	Ag58	87.46(9)
Ag1 Ag20 Ag58	130.79(3)	Ag58 S16	Ag25	76.10(9)
Ag2 Ag20 Ag21	58.21(3)	Ag60 S16	Ag25	84.85(10)
Ag2 Ag20 Ag40	52.31(2)	Ag60 S16	Ag57	86.19(9)
Ag2 Ag20 Ag41	78.21(3)	Ag60 S16	Ag58	139.18(14)
Ag19 Ag20 Ag2	61.14(3)	C149 S16	Ag25	101.1(4)

Ag19 Ag20 Ag21 107.29(3)	C149 S16 Ag57 116.3(4)
Ag19 Ag20 Ag22 137.13(4)	C149 S16 Ag58 109.0(4)
Ag19 Ag20 Ag40 88.04(3)	C149 S16 Ag60 110.0(4)
Ag19 Ag20 Ag41 59.44(2)	Ag16 S17 Ag25 121.30(14)
Ag21 Ag20 Ag40 84.78(3)	Ag16 S17 Ag58 123.28(13)
Ag22 Ag20 Ag2 78.72(3)	Ag25 S17 Ag58 79.67(9)
Ag22 Ag20 Ag21 56.83(3)	C22 S17 Ag16 101.2(4)
Ag22 Ag20 Ag40 53.54(2)	C22 S17 Ag25 108.7(4)
Ag22 Ag20 Ag41 100.10(3)	C22 S17 Ag58 122.2(4)
Ag41 Ag20 Ag21 132.69(3)	Ag44 S18 Ag58 88.56(12)
Ag41 Ag20 Ag40 51.99(2)	Ag44 S18 Ag59 111.41(12)
Ag46 Ag20 Ag2 103.37(3)	Ag58 S18 Ag59 129.16(12)
Ag46 Ag20 Ag19 116.03(3)	C67 S18 Ag44 104.1(4)
Ag46 Ag20 Ag21 113.55(3)	C67 S18 Ag58 109.0(4)
Ag46 Ag20 Ag22 57.01(2)	C67 S18 Ag59 110.3(4)
Ag46 Ag20 Ag40 51.07(2)	Ag45 S19 Ag56 72.10(9)
Ag46 Ag20 Ag41 56.61(2)	Ag45 S19 Ag59 122.43(13)
Ag46 Ag20 Ag58 62.93(3)	Ag56 S19 Ag59 74.96(9)
Ag58 Ag20 Ag2 141.43(4)	C30 S19 Ag45 112.1(5)
Ag58 Ag20 Ag19 157.20(4)	C30 S19 Ag56 103.5(5)
Ag58 Ag20 Ag21 92.70(3)	C30 S19 Ag59 120.7(5)
Ag58 Ag20 Ag22 63.47(3)	Ag57 S20 Ag56 69.94(9)
Ag58 Ag20 Ag40 104.98(3)	Ag57 S20 Ag59 123.57(13)
Ag58 Ag20 Ag41 114.23(3)	Ag59 S20 Ag56 76.00(10)
S9 Ag20 Ag1 91.61(8)	C39 S20 Ag56 95.4(5)
S9 Ag20 Ag2 122.39(9)	C39 S20 Ag57 113.5(5)
S9 Ag20 Ag19 61.27(9)	C39 S20 Ag59 113.2(5)
S9 Ag20 Ag21 143.10(7)	Ag26 S21 Ag27 74.54(9)
S9 Ag20 Ag22 155.30(9)	Ag32 S21 Ag26 127.02(12)
S9 Ag20 Ag40 126.64(7)	Ag32 S21 Ag27 79.39(10)
S9 Ag20 Ag41 74.66(7)	Ag62 S21 Ag26 80.52(10)
S9 Ag20 Ag46 102.32(7)	Ag62 S21 Ag27 136.54(12)
S9 Ag20 Ag58 96.15(9)	Ag62 S21 Ag32 88.36(11)
Ag1 Ag21 Ag2 57.44(2)	C77 S21 Ag26 116.3(4)
Ag1 Ag21 Ag7 116.38(4)	C77 S21 Ag27 117.8(4)
Ag1 Ag21 Ag8 56.93(2)	C77 S21 Ag32 116.7(4)
Ag1 Ag21 Ag20 57.74(2)	C77 S21 Ag62 105.1(4)
Ag1 Ag21 Ag22 116.64(3)	Ag61 S22 Ag63 70.96(9)
Ag1 Ag21 Ag23 115.33(3)	Ag62 S22 Ag61 71.49(11)
Ag1 Ag21 Ag24 168.88(4)	Ag62 S22 Ag63 124.25(14)

Ag1 Ag21 Ag25 124.39(4)	C119 S22 Ag61 93.6(5)
Ag1 Ag21 Ag26 129.16(3)	C119 S22 Ag62 111.6(5)
Ag2 Ag21 Ag7 88.67(3)	C119 S22 Ag63 110.5(5)
Ag2 Ag21 Ag8 63.57(3)	Ag48 S23 Ag63 129.29(13)
Ag2 Ag21 Ag20 60.22(3)	Ag48 S23 Ag64 77.07(8)
Ag2 Ag21 Ag23 58.21(2)	Ag64 S23 Ag63 117.02(10)
Ag2 Ag21 Ag25 147.79(4)	C87 S23 Ag48 112.8(4)
Ag7 Ag21 Ag8 59.92(3)	C87 S23 Ag63 103.8(4)
Ag7 Ag21 Ag20 147.02(3)	C87 S23 Ag64 115.7(4)
Ag7 Ag21 Ag23 56.31(2)	Ag60 S24 Ag61 68.67(10)
Ag7 Ag21 Ag25 112.55(4)	Ag60 S24 Ag63 121.13(16)
Ag8 Ag21 Ag20 109.01(3)	Ag63 S24 Ag61 71.70(10)
Ag8 Ag21 Ag23 89.37(3)	C97 S24 Ag60 110.4(4)
Ag8 Ag21 Ag25 147.88(4)	C97 S24 Ag61 103.9(3)
Ag20 Ag21 Ag23 94.99(3)	C97 S24 Ag63 120.3(4)
Ag22 Ag21 Ag2 81.53(3)	Ag25 S25 Ag26 70.40(8)
Ag22 Ag21 Ag7 107.50(3)	Ag25 S25 Ag61 108.14(10)
Ag22 Ag21 Ag8 142.05(3)	Ag61 S25 Ag26 96.08(10)
Ag22 Ag21 Ag20 60.38(3)	C129 S25 Ag25 119.9(5)
Ag22 Ag21 Ag23 58.11(2)	C129 S25 Ag26 128.4(4)
Ag22 Ag21 Ag25 69.35(3)	C129 S25 Ag61 121.9(4)
Ag22 Ag21 Ag26 111.51(4)	Ag47 S26 Ag48 71.31(8)
Ag24 Ag21 Ag2 111.45(3)	Ag47 S26 Ag60 121.68(11)
Ag24 Ag21 Ag7 59.71(3)	Ag48 S26 Ag60 83.29(9)
Ag24 Ag21 Ag8 119.51(3)	Ag57 S26 Ag47 78.39(9)
Ag24 Ag21 Ag20 118.95(3)	Ag57 S26 Ag48 132.02(12)
Ag24 Ag21 Ag22 58.59(3)	Ag57 S26 Ag60 82.06(8)
Ag24 Ag21 Ag23 53.57(2)	C139 S26 Ag47 106.6(4)
Ag24 Ag21 Ag25 64.84(3)	C139 S26 Ag48 112.3(4)
Ag24 Ag21 Ag26 59.48(3)	C139 S26 Ag57 111.5(5)
Ag25 Ag21 Ag20 92.50(3)	C139 S26 Ag60 131.7(5)
Ag25 Ag21 Ag23 112.86(3)	Ag43 S27 Ag45 124.61(13)
Ag26 Ag21 Ag2 148.26(4)	Ag43 S27 Ag54 74.11(9)
Ag26 Ag21 Ag7 60.09(3)	Ag44 S27 Ag43 95.86(11)
Ag26 Ag21 Ag8 93.28(3)	Ag44 S27 Ag45 69.10(9)
Ag26 Ag21 Ag20 151.50(4)	Ag44 S27 Ag54 129.15(14)
Ag26 Ag21 Ag23 103.00(3)	Ag54 S27 Ag45 76.46(9)
Ag26 Ag21 Ag25 60.25(3)	C176 S27 Ag43 124.8(4)
Ag20 Ag22 Ag25 87.26(3)	C176 S27 Ag44 123.2(4)
Ag20 Ag22 Ag47 115.01(3)	C176 S27 Ag45 106.3(4)

Ag20 Ag22 Ag48 154.23(4)	C176 S27 Ag54 101.4(4)
Ag20 Ag22 Ag57 112.79(3)	Ag54 S28 Ag53 69.53(8)
Ag20 Ag22 Ag58 56.87(3)	Ag54 S28 Ag65 115.96(11)
Ag20 Ag22 Ag60 143.08(3)	Ag65 S28 Ag53 71.46(9)
Ag21 Ag22 Ag20 62.79(3)	C303 S28 Ag53 99.9(5)
Ag21 Ag22 Ag23 66.49(3)	C303 S28 Ag54 121.9(5)
Ag21 Ag22 Ag25 57.17(3)	C303 S28 Ag65 113.3(5)
Ag21 Ag22 Ag40 99.01(3)	Ag18 S29 Ag65 135.66(12)
Ag21 Ag22 Ag47 153.52(4)	Ag43 S29 Ag18 76.79(9)
Ag21 Ag22 Ag48 111.82(3)	Ag43 S29 Ag65 110.41(12)
Ag21 Ag22 Ag57 149.87(3)	C186 S29 Ag18 112.0(5)
Ag21 Ag22 Ag58 92.29(3)	C186 S29 Ag43 112.3(5)
Ag21 Ag22 Ag60 107.24(4)	C186 S29 Ag65 105.4(5)
Ag23 Ag22 Ag20 101.66(3)	Ag53 S30 Ag65 68.21(9)
Ag23 Ag22 Ag25 109.94(3)	Ag66 S30 Ag53 71.44(10)
Ag23 Ag22 Ag40 61.41(3)	Ag66 S30 Ag65 116.58(14)
Ag23 Ag22 Ag47 89.43(3)	C276 S30 Ag53 100.0(4)
Ag23 Ag22 Ag48 56.18(3)	C276 S30 Ag65 124.6(4)
Ag23 Ag22 Ag57 139.01(3)	C276 S30 Ag66 108.8(5)
Ag23 Ag22 Ag58 156.11(4)	Ag18 S31 Ag13 73.45(8)
Ag23 Ag22 Ag60 106.08(3)	Ag66 S31 Ag13 136.06(12)
Ag24 Ag22 Ag20 123.16(3)	Ag66 S31 Ag18 81.02(9)
Ag24 Ag22 Ag21 60.41(3)	Ag67 S31 Ag13 90.57(11)
Ag24 Ag22 Ag23 56.81(3)	Ag67 S31 Ag18 138.56(12)
Ag24 Ag22 Ag25 60.75(3)	Ag67 S31 Ag66 85.48(9)
Ag24 Ag22 Ag40 118.07(3)	C266 S31 Ag13 105.6(4)
Ag24 Ag22 Ag47 116.28(3)	C266 S31 Ag18 105.9(4)
Ag24 Ag22 Ag48 58.88(2)	C266 S31 Ag66 115.6(4)
Ag24 Ag22 Ag57 114.79(3)	C266 S31 Ag67 115.2(4)
Ag24 Ag22 Ag58 123.20(3)	Ag30 S32 Ag35 84.65(10)
Ag24 Ag22 Ag60 58.59(3)	Ag30 S32 Ag36 140.10(13)
Ag25 Ag22 Ag48 111.51(3)	Ag30 S32 Ag69 89.25(9)
Ag25 Ag22 Ag57 93.70(3)	Ag35 S32 Ag36 77.88(9)
Ag25 Ag22 Ag60 60.69(3)	Ag35 S32 Ag69 129.73(12)
Ag40 Ag22 Ag20 72.42(3)	Ag36 S32 Ag69 75.58(8)
Ag40 Ag22 Ag25 154.57(4)	C192 S32 Ag30 108.9(4)
Ag40 Ag22 Ag47 57.85(3)	C192 S32 Ag35 107.7(4)
Ag40 Ag22 Ag48 84.29(3)	C192 S32 Ag36 110.5(4)
Ag40 Ag22 Ag57 108.01(3)	C192 S32 Ag69 121.4(4)
Ag40 Ag22 Ag58 114.60(3)	Ag69 S33 Ag68 72.38(10)

Ag40 Ag22 Ag60 143.10(3)	Ag69 S33 Ag70 121.73(13)
Ag46 Ag22 Ag20 58.78(3)	Ag70 S33 Ag68 73.03(9)
Ag46 Ag22 Ag21 121.24(4)	C236 S33 Ag68 98.2(5)
Ag46 Ag22 Ag23 119.72(3)	C236 S33 Ag69 112.3(5)
Ag46 Ag22 Ag24 175.83(4)	C236 S33 Ag70 117.8(5)
Ag46 Ag22 Ag25 123.42(3)	Ag36 S34 Ag37 72.79(8)
Ag46 Ag22 Ag40 58.34(3)	Ag36 S34 Ag70 127.67(11)
Ag46 Ag22 Ag47 60.36(3)	Ag37 S34 Ag70 132.57(12)
Ag46 Ag22 Ag48 117.59(3)	C202 S34 Ag36 113.2(3)
Ag46 Ag22 Ag57 65.94(3)	C202 S34 Ag37 106.6(3)
Ag46 Ag22 Ag58 60.96(3)	C202 S34 Ag70 101.9(3)
Ag46 Ag22 Ag60 122.57(4)	Ag67 S35 Ag68 74.18(10)
Ag47 Ag22 Ag25 147.42(4)	Ag67 S35 Ag70 120.50(14)
Ag47 Ag22 Ag48 57.46(3)	Ag68 S35 Ag70 72.48(10)
Ag47 Ag22 Ag57 56.62(3)	C208 S35 Ag67 112.4(5)
Ag47 Ag22 Ag58 108.52(4)	C208 S35 Ag68 96.8(5)
Ag47 Ag22 Ag60 89.36(3)	C208 S35 Ag70 119.3(5)
Ag48 Ag22 Ag57 84.44(3)	Ag13 S36 Ag29 71.93(8)
Ag48 Ag22 Ag60 62.23(3)	Ag68 S36 Ag13 100.53(9)
Ag58 Ag22 Ag25 62.62(3)	Ag68 S36 Ag29 102.52(10)
Ag58 Ag22 Ag48 147.19(4)	C246 S36 Ag13 122.0(4)
Ag58 Ag22 Ag57 64.68(3)	C246 S36 Ag29 124.5(4)
Ag58 Ag22 Ag60 90.17(3)	C246 S36 Ag68 122.9(4)
Ag60 Ag22 Ag57 56.75(3)	Ag38 S37 Ag37 76.50(9)
Ag2 Ag23 Ag21 56.72(2)	Ag66 S37 Ag37 135.19(12)
Ag2 Ag23 Ag40 57.78(2)	Ag66 S37 Ag38 83.01(10)
Ag2 Ag23 Ag64 149.59(4)	Ag66 S37 Ag67 84.71(9)
Ag3 Ag23 Ag2 58.34(2)	Ag67 S37 Ag37 81.31(9)
Ag3 Ag23 Ag4 57.78(2)	Ag67 S37 Ag38 133.29(12)
Ag3 Ag23 Ag7 116.85(3)	C256 S37 Ag37 104.0(4)
Ag3 Ag23 Ag21 114.87(3)	C256 S37 Ag38 107.7(4)
Ag3 Ag23 Ag22 115.97(3)	C256 S37 Ag66 120.2(4)
Ag3 Ag23 Ag40 57.83(3)	C256 S37 Ag67 117.3(4)
Ag3 Ag23 Ag48 121.29(3)	Ag33 S38 Ag64 72.59(7)
Ag3 Ag23 Ag49 69.52(3)	Ag34 S38 Ag33 71.85(8)
Ag3 Ag23 Ag64 129.61(4)	Ag34 S38 Ag64 121.49(11)
Ag4 Ag23 Ag2 61.60(3)	Ag49 S38 Ag33 122.77(12)
Ag4 Ag23 Ag21 87.31(3)	Ag49 S38 Ag34 83.22(11)
Ag4 Ag23 Ag40 107.01(3)	Ag49 S38 Ag64 78.90(10)
Ag4 Ag23 Ag48 153.95(4)	C340 S38 Ag33 125.4(5)

Ag4 Ag23 Ag49 94.03(3)	C340 S38 Ag34 100.0(5)
Ag4 Ag23 Ag64 96.33(3)	C340 S38 Ag49 108.8(5)
Ag7 Ag23 Ag2 88.92(3)	C340 S38 Ag64 138.5(5)
Ag7 Ag23 Ag4 59.18(3)	Ag31 S39 Ag33 97.73(11)
Ag7 Ag23 Ag21 58.21(2)	Ag35 S39 Ag31 100.96(10)
Ag7 Ag23 Ag22 106.79(3)	Ag35 S39 Ag33 70.68(8)
Ag7 Ag23 Ag40 144.72(3)	C380 S39 Ag31 127.4(4)
Ag7 Ag23 Ag48 116.49(3)	C380 S39 Ag33 124.8(4)
Ag7 Ag23 Ag49 118.82(4)	C380 S39 Ag35 120.0(4)
Ag7 Ag23 Ag64 60.94(3)	Ag31 S40 Ag71 73.90(11)
Ag22 Ag23 Ag2 79.25(3)	Ag32 S40 Ag31 72.24(9)
Ag22 Ag23 Ag4 137.31(3)	Ag32 S40 Ag71 119.59(14)
Ag22 Ag23 Ag21 55.40(2)	C436 S40 Ag31 106.0(4)
Ag22 Ag23 Ag40 59.32(3)	C436 S40 Ag32 111.3(4)
Ag22 Ag23 Ag48 68.41(3)	C436 S40 Ag71 125.4(4)
Ag22 Ag23 Ag49 124.91(4)	Ag27 S41 Ag71 130.00(14)
Ag22 Ag23 Ag64 111.66(4)	Ag28 S41 Ag27 73.86(9)
Ag24 Ag23 Ag2 113.17(3)	Ag28 S41 Ag71 121.28(14)
Ag24 Ag23 Ag3 171.44(4)	C400 S41 Ag27 110.8(4)
Ag24 Ag23 Ag4 120.61(3)	C400 S41 Ag28 113.1(4)
Ag24 Ag23 Ag7 61.68(3)	C400 S41 Ag71 105.2(4)
Ag24 Ag23 Ag21 56.79(2)	Ag30 S42 Ag31 70.38(10)
Ag24 Ag23 Ag22 58.67(3)	Ag30 S42 Ag71 123.04(16)
Ag24 Ag23 Ag40 117.83(4)	Ag71 S42 Ag31 73.84(11)
Ag24 Ag23 Ag48 64.30(3)	C409 S42 Ag30 112.5(5)
Ag24 Ag23 Ag49 118.88(4)	C409 S42 Ag31 91.8(4)
Ag24 Ag23 Ag64 58.00(3)	C409 S42 Ag71 111.4(5)
Ag40 Ag23 Ag21 90.91(3)	C49 P1 Ag59 111.1(5)
Ag40 Ag23 Ag64 152.45(4)	C49 P1 C61 106.2(7)
Ag48 Ag23 Ag2 143.14(4)	C55 P1 Ag59 118.0(6)
Ag48 Ag23 Ag21 112.81(3)	C55 P1 C49 104.2(7)
Ag48 Ag23 Ag40 89.72(3)	C55 P1 C61 102.8(7)
Ag48 Ag23 Ag64 63.49(3)	C61 P1 Ag59 113.5(5)
Ag49 Ag23 Ag2 127.78(4)	C107 P2 Ag63 111.6(4)
Ag49 Ag23 Ag21 175.31(4)	C107 P2 C113 104.7(6)
Ag49 Ag23 Ag40 92.99(3)	C113 P2 Ag63 113.5(4)
Ag49 Ag23 Ag48 64.65(3)	C8AA P2 Ag63 117.4(4)
Ag49 Ag23 Ag64 70.51(4)	C8AA P2 C107 105.9(5)
Ag64 Ag23 Ag21 104.89(3)	C8AA P2 C113 102.5(6)
Ag7 Ag24 Ag25 110.72(3)	C218 P3 Ag70 113.8(4)

Ag7 Ag24 Ag48 114.77(3)	C218 P3	C230 102.4(6)
Ag7 Ag24 Ag60 173.39(4)	C224 P3	Ag70 116.8(4)
Ag7 Ag24 Ag61 119.26(4)	C224 P3	C218 103.3(5)
Ag7 Ag24 Ag62 67.69(3)	C224 P3	C230 104.5(5)
Ag21 Ag24 Ag7 62.42(3)	C230 P3	Ag70 114.3(4)
Ag21 Ag24 Ag25 59.86(3)	C285 P4	Ag65 114.0(5)
Ag21 Ag24 Ag26 61.75(3)	C285 P4	C297 105.1(6)
Ag21 Ag24 Ag48 121.30(3)	C291 P4	Ag65 117.1(5)
Ag21 Ag24 Ag60 119.53(4)	C291 P4	C285 101.3(7)
Ag21 Ag24 Ag61 138.96(3)	C291 P4	C297 106.7(6)
Ag21 Ag24 Ag62 115.23(3)	C297 P4	Ag65 111.4(4)
Ag22 Ag24 Ag7 111.60(3)	C418 P5	Ag71 117.7(6)
Ag22 Ag24 Ag21 61.00(3)	C424 P5	Ag71 112.3(5)
Ag22 Ag24 Ag25 68.18(3)	C424 P5	C418 103.9(7)
Ag22 Ag24 Ag26 115.60(3)	C430 P5	Ag71 111.1(6)
Ag22 Ag24 Ag48 69.45(3)	C430 P5	C418 99.4(8)
Ag22 Ag24 Ag60 73.93(3)	C430 P5	C424 111.5(8)
Ag22 Ag24 Ag61 128.30(4)	C2 C1	S1 123.2(14)
Ag22 Ag24 Ag62 174.92(4)	C2 C1	C6 120.9(18)
Ag22 Ag24 Ag64 124.84(3)	C6 C1	S1 115.9(14)
Ag23 Ag24 Ag7 62.20(3)	C1 C2	C3 121(2)
Ag23 Ag24 Ag21 69.63(3)	C4 C3	C2 119(2)
Ag23 Ag24 Ag22 64.53(3)	C3 C4	C7 115.8(17)
Ag23 Ag24 Ag25 122.59(3)	C5 C4	C3 115.8(17)
Ag23 Ag24 Ag26 117.55(3)	C5 C4	C7 128.3(18)
Ag23 Ag24 Ag48 61.71(3)	C4 C5	C6 123.8(19)
Ag23 Ag24 Ag60 124.32(3)	C1 C6	C5 120(2)
Ag23 Ag24 Ag61 150.75(4)	C4 C7	C9 116.6(16)
Ag23 Ag24 Ag62 118.15(4)	C8 C7	C4 120.3(16)
Ag23 Ag24 Ag64 66.98(3)	C8 C7	C9 98.3(12)
Ag25 Ag24 Ag60 67.40(3)	C10 C7	C4 122.5(17)
Ag25 Ag24 Ag62 107.15(3)	C10 C7	C8 103.0(12)
Ag26 Ag24 Ag7 61.72(3)	C10 C7	C9 89.9(9)
Ag26 Ag24 Ag25 59.24(3)	C12 C11	S11 118.9(7)
Ag26 Ag24 Ag48 174.41(4)	C12 C11	C16 120.0
Ag26 Ag24 Ag60 112.98(4)	C16 C11	S11 121.0(7)
Ag26 Ag24 Ag61 82.61(3)	C13 C12	C11 120.0
Ag26 Ag24 Ag62 59.45(3)	C12 C13	C14 120.0
Ag48 Ag24 Ag25 126.17(4)	C13 C14	C17 115.0(13)
Ag48 Ag24 Ag60 70.16(3)	C15 C14	C13 120.0

Ag48 Ag24 Ag62 115.54(3)	C15 C14 C17 124.8(13)
Ag60 Ag24 Ag62 106.47(3)	C14 C15 C16 120.0
Ag61 Ag24 Ag25 85.39(3)	C15 C16 C11 120.0
Ag61 Ag24 Ag48 96.07(3)	C14 C17 C19 117.4(19)
Ag61 Ag24 Ag60 54.75(3)	C14 C17 C496 115.4(19)
Ag61 Ag24 Ag62 51.73(3)	C18 C17 C14 109(2)
Ag64 Ag24 Ag7 64.03(3)	C18 C17 C19 89.4(19)
Ag64 Ag24 Ag21 121.95(4)	C18 C17 C496 102(2)
Ag64 Ag24 Ag25 166.76(4)	C496 C17 C19 118(2)
Ag64 Ag24 Ag26 108.98(4)	C23 C22 S17 123.1(10)
Ag64 Ag24 Ag48 65.48(3)	C23 C22 C27 119.3(13)
Ag64 Ag24 Ag60 116.30(4)	C27 C22 S17 117.6(11)
Ag64 Ag24 Ag61 87.06(4)	C22 C23 C24 118.2(14)
Ag64 Ag24 Ag62 59.74(3)	C25 C24 C23 123.6(16)
Ag21 Ag25 Ag22 53.47(3)	C24 C25 C26 116.9(16)
Ag21 Ag25 Ag24 55.31(3)	C24 C25 C28 122.9(15)
Ag21 Ag25 Ag58 85.06(3)	C26 C25 C28 120.2(16)
Ag21 Ag25 Ag60 107.01(4)	C27 C26 C25 124.6(19)
Ag22 Ag25 Ag58 55.00(3)	C26 C27 C22 117.1(17)
Ag22 Ag25 Ag60 63.98(3)	C29 C28 C25 112.6(15)
Ag24 Ag25 Ag22 51.07(2)	C29 C28 C495 99.5(16)
Ag24 Ag25 Ag58 105.95(4)	C29 C28 C4BA 132.7(18)
Ag24 Ag25 Ag60 57.67(3)	C495 C28 C25 111.5(16)
Ag26 Ag25 Ag21 58.85(3)	C4BA C28 C25 107.7(15)
Ag26 Ag25 Ag22 98.67(4)	C4BA C28 C495 87.5(16)
Ag26 Ag25 Ag24 55.93(3)	C31 C30 S19 121.8(12)
Ag26 Ag25 Ag58 143.90(4)	C31 C30 C35 118.7(15)
Ag26 Ag25 Ag60 102.61(4)	C35 C30 S19 119.1(11)
Ag58 Ag25 Ag60 88.01(4)	C30 C31 C32 120.9(19)
S16 Ag25 Ag21 116.87(7)	C31 C32 C33 122(2)
S16 Ag25 Ag22 63.97(7)	C32 C33 C36 120.5(18)
S16 Ag25 Ag24 92.53(7)	C34 C33 C32 113.5(17)
S16 Ag25 Ag26 145.73(8)	C34 C33 C36 125.9(17)
S16 Ag25 Ag58 50.20(7)	C35 C34 C33 125.7(18)
S16 Ag25 Ag60 43.74(7)	C34 C35 C30 119.3(16)
S17 Ag25 Ag21 83.59(8)	C33 C36 C37 114.4(18)
S17 Ag25 Ag22 95.72(7)	C33 C36 C38 114(2)
S17 Ag25 Ag24 136.83(8)	C38 C36 C37 111(2)
S17 Ag25 Ag26 116.38(9)	C497 C36 C33 110(2)
S17 Ag25 Ag58 52.47(7)	C497 C36 C37 109.6(19)

S17	Ag25	Ag60	138.69(8)	C497	C36	C38	96(2)
S17	Ag25	S16	95.47(10)	C40	C39	S20	124.2(12)
S17	Ag25	S25	140.65(10)	C40	C39	C44	116.1(14)
S25	Ag25	Ag21	112.50(8)	C44	C39	S20	119.6(12)
S25	Ag25	Ag22	123.01(7)	C41	C40	C39	124.8(17)
S25	Ag25	Ag24	75.08(7)	C42	C41	C40	120.3(19)
S25	Ag25	Ag26	55.94(8)	C41	C42	C43	119.4(18)
S25	Ag25	Ag58	156.95(8)	C41	C42	C45	116.6(18)
S25	Ag25	Ag60	72.95(7)	C43	C42	C45	123.9(18)
S25	Ag25	S16	106.99(10)	C42	C43	C44	120.5(18)
Ag7	Ag26	Ag25	113.65(4)	C39	C44	C43	118.6(17)
Ag7	Ag26	Ag27	60.16(3)	C42	C45	C48	104.5(16)
Ag7	Ag26	Ag62	72.23(3)	C46	C45	C42	112.2(17)
Ag21	Ag26	Ag7	60.74(3)	C46	C45	C48	108.3(17)
Ag21	Ag26	Ag25	60.90(3)	C47	C45	C42	110.6(17)
Ag21	Ag26	Ag27	87.42(3)	C47	C45	C46	126.8(19)
Ag21	Ag26	Ag62	123.80(4)	C47	C45	C48	89.7(16)
Ag24	Ag26	Ag7	59.71(3)	C50	C49	P1	121.9(13)
Ag24	Ag26	Ag21	58.76(3)	C50	C49	C54	117.0(15)
Ag24	Ag26	Ag25	64.83(3)	C54	C49	P1	121.0(12)
Ag24	Ag26	Ag27	119.61(4)	C49	C50	C51	121.9(17)
Ag24	Ag26	Ag62	72.13(3)	C52	C51	C50	117(2)
Ag25	Ag26	Ag27	140.91(4)	C53	C52	C51	121(2)
Ag25	Ag26	Ag62	121.03(4)	C52	C53	C54	125(2)
Ag27	Ag26	Ag62	94.91(4)	C49	C54	C53	116.7(18)
S3	Ag26	Ag7	96.03(8)	C56	C55	P1	123.8(13)
S3	Ag26	Ag21	74.71(7)	C60	C55	P1	118.6(13)
S3	Ag26	Ag24	133.36(8)	C60	C55	C56	117.4(16)
S3	Ag26	Ag25	96.71(9)	C57	C56	C55	122(2)
S3	Ag26	Ag27	50.10(9)	C56	C57	C58	122(3)
S3	Ag26	Ag62	142.19(9)	C57	C58	C59	118(2)
S3	Ag26	S21	95.54(11)	C60	C59	C58	120(2)
S3	Ag26	S25	125.84(10)	C59	C60	C55	119.5(18)
S21	Ag26	Ag7	74.51(7)	C62	C61	P1	128.3(15)
S21	Ag26	Ag21	132.27(8)	C62	C61	C66	113.0(17)
S21	Ag26	Ag24	112.45(8)	C66	C61	P1	118.0(12)
S21	Ag26	Ag25	164.39(8)	C61	C62	C63	128(2)
S21	Ag26	Ag27	54.52(8)	C62	C63	C64	117(2)
S21	Ag26	Ag62	46.95(8)	C65	C64	C63	117(2)
S25	Ag26	Ag7	135.56(7)	C64	C65	C66	123(2)

S25	Ag26	Ag21	112.28(7)	C65	C66	C61	120.9(16)
S25	Ag26	Ag24	78.91(6)	C68	C67	S18	121.9(10)
S25	Ag26	Ag25	53.66(7)	C68	C67	C72	118.1(12)
S25	Ag26	Ag27	158.88(7)	C72	C67	S18	120.1(10)
S25	Ag26	Ag62	80.69(8)	C67	C68	C69	120.8(14)
S25	Ag26	S21	110.98(10)	C70	C69	C68	119.6(16)
Ag6	Ag27	Ag7	55.82(3)	C69	C70	C71	120.2(18)
Ag6	Ag27	Ag8	56.03(3)	C69	C70	C73	116.5(18)
Ag6	Ag27	Ag15	107.13(3)	C71	C70	C73	123.2(19)
Ag6	Ag27	Ag26	110.40(3)	C72	C71	C70	118.5(19)
Ag6	Ag27	Ag28	57.31(3)	C71	C72	C67	122.7(17)
Ag6	Ag27	Ag32	62.95(3)	C74	C73	C70	107.1(17)
Ag7	Ag27	Ag15	103.51(3)	C75	C73	C70	110.2(17)
Ag7	Ag27	Ag26	54.59(3)	C75	C73	C74	96.9(17)
Ag7	Ag27	Ag32	64.33(3)	C76	C73	C70	108.8(17)
Ag8	Ag27	Ag7	58.06(3)	C76	C73	C74	117.9(18)
Ag8	Ag27	Ag15	55.68(3)	C76	C73	C75	115.2(18)
Ag8	Ag27	Ag26	86.36(3)	C82	C77	S21	119.2(7)
Ag8	Ag27	Ag28	60.96(3)	C82	C77	C78	120.0
Ag8	Ag27	Ag32	111.76(4)	C78	C77	S21	120.8(7)
Ag26	Ag27	Ag15	87.54(4)	C81	C82	C77	120.0
Ag26	Ag27	Ag32	88.46(4)	C82	C81	C80	120.0
Ag28	Ag27	Ag7	106.08(3)	C81	C80	C83	126.1(12)
Ag28	Ag27	Ag15	70.05(4)	C79	C80	C81	120.0
Ag28	Ag27	Ag26	146.84(4)	C79	C80	C83	113.8(12)
Ag28	Ag27	Ag32	107.87(4)	C78	C79	C80	120.0
Ag32	Ag27	Ag15	167.04(4)	C79	C78	C77	120.0
S3	Ag27	Ag6	132.07(7)	C84	C83	C80	104.0(15)
S3	Ag27	Ag7	91.26(7)	C84	C83	C86	104.9(19)
S3	Ag27	Ag8	77.63(7)	C85	C83	C80	113.2(19)
S3	Ag27	Ag15	42.35(7)	C85	C83	C84	107.9(14)
S3	Ag27	Ag26	49.74(7)	C85	C83	C86	105.0(11)
S3	Ag27	Ag28	112.39(8)	C86	C83	C80	121.1(18)
S3	Ag27	Ag32	137.43(8)	C88	C87	S23	122.5(11)
S3	Ag27	S21	92.15(10)	C88	C87	C92	121.4(12)
S21	Ag27	Ag6	104.87(7)	C92	C87	S23	116.0(9)
S21	Ag27	Ag7	69.78(7)	C87	C88	C89	116.4(15)
S21	Ag27	Ag8	126.24(7)	C90	C89	C88	126.9(15)
S21	Ag27	Ag15	134.48(8)	C89	C90	C91	115.1(16)
S21	Ag27	Ag26	50.94(7)	C89	C90	C93	129.2(16)

S21	Ag27	Ag28	155.37(8)	C91	C90	C93	115.7(16)
S21	Ag27	Ag32	47.87(8)	C90	C91	C92	122.1(18)
S41	Ag27	Ag6	87.44(8)	C91	C92	C87	117.9(14)
S41	Ag27	Ag7	141.27(8)	C94	C93	C90	111.3(16)
S41	Ag27	Ag8	113.90(9)	C94	C93	C96	99.8(17)
S41	Ag27	Ag15	98.46(8)	C95	C93	C90	110.8(16)
S41	Ag27	Ag26	158.73(8)	C95	C93	C94	118.5(18)
S41	Ag27	Ag28	52.95(8)	C95	C93	C96	102.5(17)
S41	Ag27	Ag32	89.68(8)	C96	C93	C90	113.0(17)
S41	Ag27	S3	125.69(10)	C98	C97	S24	116.5(5)
S41	Ag27	S21	114.58(11)	C98	C97	C102	120.0
Ag5	Ag28	Ag29	55.34(2)	C102	C97	S24	123.5(5)
Ag5	Ag28	Ag30	66.43(3)	C97	C98	C99	120.0
Ag6	Ag28	Ag5	56.41(3)	C98	C99	C100	120.0
Ag6	Ag28	Ag8	55.67(3)	C99	C100	C103	117.2(9)
Ag6	Ag28	Ag27	59.38(3)	C101	C100	C99	120.0
Ag6	Ag28	Ag29	111.29(3)	C101	C100	C103	122.7(9)
Ag6	Ag28	Ag30	65.11(3)	C100	C101	C102	120.0
Ag8	Ag28	Ag5	56.60(3)	C101	C102	C97	120.0
Ag8	Ag28	Ag27	58.04(3)	C100	C103	C106	109.1(14)
Ag8	Ag28	Ag29	81.12(3)	C104	C103	C100	111.5(15)
Ag8	Ag28	Ag30	112.98(4)	C104	C103	C105	108.6(17)
Ag27	Ag28	Ag5	105.41(3)	C104	C103	C106	109.0(17)
Ag27	Ag28	Ag29	136.41(4)	C105	C103	C100	110.7(15)
Ag27	Ag28	Ag30	114.13(4)	C105	C103	C106	107.8(16)
Ag29	Ag28	Ag30	94.33(4)	C112	C107	P2	117.1(6)
S4	Ag28	Ag5	95.81(7)	C112	C107	C108	120.0
S4	Ag28	Ag6	133.78(8)	C108	C107	P2	122.7(6)
S4	Ag28	Ag8	78.41(7)	C107	C112	C111	120.0
S4	Ag28	Ag27	102.72(8)	C110	C111	C112	120.0
S4	Ag28	Ag29	50.11(7)	C109	C110	C111	120.0
S4	Ag28	Ag30	141.98(8)	C110	C109	C108	120.0
S5	Ag28	Ag5	68.17(6)	C109	C108	C107	120.0
S5	Ag28	Ag6	106.80(7)	C114	C113	P2	119.1(8)
S5	Ag28	Ag8	122.19(7)	C114	C113	C118	120.0
S5	Ag28	Ag27	164.39(8)	C118	C113	P2	120.9(8)
S5	Ag28	Ag29	52.57(7)	C115	C114	C113	120.0
S5	Ag28	Ag30	50.40(7)	C114	C115	C116	120.0
S5	Ag28	S4	92.25(10)	C117	C116	C115	120.0
S41	Ag28	Ag5	144.89(8)	C116	C117	C118	120.0

S41	Ag28 Ag6	89.01(7)	C117	C118	C113	120.0
S41	Ag28 Ag8	111.23(9)	C120	C119	S22	122.8(11)
S41	Ag28 Ag27	53.19(8)	C124	C119	S22	121.4(11)
S41	Ag28 Ag29	159.68(8)	C124	C119	C120	115.6(14)
S41	Ag28 Ag30	95.30(9)	C121	C120	C119	122.7(15)
S41	Ag28 S4	114.81(11)	C122	C121	C120	120.1(15)
S41	Ag28 S5	123.98(11)	C121	C122	C123	119.0(14)
Ag5	Ag29 Ag13	107.72(3)	C121	C122	C125	124.3(14)
Ag5	Ag29 Ag14	105.18(4)	C123	C122	C125	116.7(14)
Ag5	Ag29 Ag28	59.54(3)	C124	C123	C122	120.9(15)
Ag5	Ag29 Ag69	64.70(3)	C119	C124	C123	121.5(15)
Ag9	Ag29 Ag5	58.05(3)	C122	C125	C128	113.5(14)
Ag9	Ag29 Ag12	55.46(2)	C126	C125	C122	110.4(14)
Ag9	Ag29 Ag13	59.58(3)	C126	C125	C127	109.0(15)
Ag9	Ag29 Ag14	55.65(3)	C126	C125	C128	105.0(14)
Ag9	Ag29 Ag28	91.93(3)	C127	C125	C122	108.2(14)
Ag9	Ag29 Ag69	110.46(3)	C127	C125	C128	110.5(15)
Ag12	Ag29 Ag5	56.72(2)	C130	C129	S25	118.4(10)
Ag12	Ag29 Ag13	59.81(3)	C134	C129	S25	121.3(11)
Ag12	Ag29 Ag14	104.78(3)	C134	C129	C130	120.3(13)
Ag12	Ag29 Ag28	116.24(3)	C131	C130	C129	118.4(14)
Ag12	Ag29 Ag69	61.74(3)	C130	C131	C132	122.9(15)
Ag13	Ag29 Ag14	62.27(3)	C131	C132	C135	120.4(14)
Ag13	Ag29 Ag28	148.87(4)	C133	C132	C131	115.5(14)
Ag13	Ag29 Ag69	110.05(4)	C133	C132	C135	124.1(14)
Ag14	Ag29 Ag28	92.22(4)	C132	C133	C134	121.2(14)
Ag14	Ag29 Ag69	165.90(4)	C129	C134	C133	121.7(14)
Ag69	Ag29 Ag28	90.63(4)	C132	C135	C136	107.7(15)
S4	Ag29 Ag5	100.75(7)	C132	C135	C137	107.1(15)
S4	Ag29 Ag9	88.77(7)	C137	C135	C136	113.2(16)
S4	Ag29 Ag12	143.58(8)	C138	C135	C132	111.2(16)
S4	Ag29 Ag13	110.74(8)	C138	C135	C136	101.5(16)
S4	Ag29 Ag14	49.64(8)	C138	C135	C137	116.0(18)
S4	Ag29 Ag28	51.81(8)	C140	C139	S26	121.4(11)
S4	Ag29 Ag69	139.17(8)	C140	C139	C144	117.3(13)
S4	Ag29 S5	90.96(10)	C144	C139	S26	121.2(10)
S5	Ag29 Ag5	69.10(6)	C139	C140	C141	119.7(17)
S5	Ag29 Ag9	126.04(7)	C140	C141	C142	122.8(19)
S5	Ag29 Ag12	104.17(6)	C141	C142	C145	121.5(18)
S5	Ag29 Ag13	158.14(7)	C143	C142	C141	116.4(18)

S5	Ag29 Ag14	139.53(8)	C143	C142	C145	121.9(17)
S5	Ag29 Ag28	49.34(7)	C142	C143	C144	123.8(17)
S5	Ag29 Ag69	48.43(6)	C143	C144	C139	119.2(14)
S36	Ag29 Ag5	131.38(6)	C142	C145	C146	102.9(17)
S36	Ag29 Ag9	110.96(7)	C147	C145	C142	116.6(19)
S36	Ag29 Ag12	77.77(6)	C147	C145	C146	109.2(19)
S36	Ag29 Ag13	53.35(7)	C148	C145	C142	113.5(19)
S36	Ag29 Ag14	101.89(7)	C148	C145	C146	110.6(19)
S36	Ag29 Ag28	157.05(7)	C148	C145	C147	104(2)
S36	Ag29 Ag69	80.09(7)	C150	C149	S16	122.2(11)
S36	Ag29 S4	127.40(9)	C150	C149	C154	118.0(13)
S36	Ag29 S5	111.45(10)	C154	C149	S16	119.7(10)
Ag5	Ag30 Ag69	55.19(3)	C149	C150	C151	122.9(15)
Ag6	Ag30 Ag5	47.77(3)	C150	C151	C152	120.3(15)
Ag6	Ag30 Ag28	49.57(3)	C151	C152	C153	116.1(14)
Ag6	Ag30 Ag69	102.82(4)	C151	C152	C155	118.0(15)
Ag28	Ag30 Ag5	52.94(3)	C153	C152	C155	125.3(16)
Ag28	Ag30 Ag69	82.71(4)	C154	C153	C152	120.7(16)
Ag31	Ag30 Ag5	101.99(5)	C153	C154	C149	122.0(15)
Ag31	Ag30 Ag6	54.58(3)	C152	C155	C502	112.2(16)
Ag31	Ag30 Ag28	83.66(4)	C156	C155	C152	113.0(16)
Ag31	Ag30 Ag35	77.13(4)	C156	C155	C502	98.0(11)
Ag31	Ag30 Ag69	157.12(6)	C157	C155	C152	100.3(14)
Ag35	Ag30 Ag5	52.74(3)	C157	C155	C156	118.4(14)
Ag35	Ag30 Ag6	52.64(3)	C157	C155	C502	115.6(14)
Ag35	Ag30 Ag28	95.20(4)	C159	C158	S15	120.4(5)
Ag35	Ag30 Ag69	85.90(3)	C159	C158	C163	120.0
S5	Ag30 Ag5	59.77(6)	C163	C158	S15	119.2(5)
S5	Ag30 Ag6	90.71(7)	C158	C159	C160	120.0
S5	Ag30 Ag28	47.70(7)	C159	C160	C161	120.0
S5	Ag30 Ag31	130.39(8)	C160	C161	C164	121.3(9)
S5	Ag30 Ag35	111.36(7)	C162	C161	C160	120.0
S5	Ag30 Ag69	43.42(6)	C162	C161	C164	118.7(9)
S32	Ag30 Ag5	62.24(8)	C161	C162	C163	120.0
S32	Ag30 Ag6	95.63(8)	C162	C163	C158	120.0
S32	Ag30 Ag28	113.75(8)	C161	C164	C165	117.4(14)
S32	Ag30 Ag31	123.84(9)	C161	C164	C166	112.3(15)
S32	Ag30 Ag35	49.62(8)	C161	C164	C167	117.1(15)
S32	Ag30 Ag69	47.86(7)	C165	C164	C166	101.5(18)
S32	Ag30 S5	90.02(9)	C167	C164	C165	102.9(3)

S42 Ag30 Ag5	145.53(11)	C167 C164 C166	103.6(3)
S42 Ag30 Ag6	104.77(11)	C169 C168 S14	118.4(10)
S42 Ag30 Ag28	94.35(11)	C173 C168 S14	123.1(11)
S42 Ag30 Ag31	58.79(10)	C173 C168 C169	118.5(13)
S42 Ag30 Ag35	133.37(10)	C168 C169 C170	120.2(15)
S42 Ag30 Ag69	140.61(11)	C171 C170 C169	119.8(16)
S42 Ag30 S5	108.67(12)	C170 C171 C172	119.6(18)
S42 Ag30 S32	151.81(13)	C170 C171 C174	122.2(17)
Ag6 Ag31 Ag71	108.59(4)	C172 C171 C174	118.1(18)
Ag30 Ag31 Ag6	71.60(4)	C173 C172 C171	115(2)
Ag30 Ag31 Ag32	140.16(5)	C172 C173 C168	126.3(19)
Ag30 Ag31 Ag71	92.66(4)	C171 C174 C175	107.7(16)
Ag32 Ag31 Ag6	69.24(4)	C4AAC174 C171	107.3(16)
Ag32 Ag31 Ag71	92.95(4)	C4AAC174 C175	102.9(13)
S39 Ag31 Ag6	79.51(7)	C4AAC174 C3AA	127.3(18)
S39 Ag31 Ag30	87.70(8)	C3AAC174 C171	109.1(16)
S39 Ag31 Ag32	92.15(8)	C3AAC174 C175	100.8(11)
S39 Ag31 Ag71	171.58(8)	C177 C176 S27	119.4(10)
S39 Ag31 S42	123.07(12)	C181 C176 S27	124.5(11)
S40 Ag31 Ag6	114.01(9)	C181 C176 C177	115.2(14)
S40 Ag31 Ag30	147.42(9)	C176 C177 C178	119.9(15)
S40 Ag31 Ag32	51.96(9)	C179 C178 C177	123.4(18)
S40 Ag31 Ag71	54.80(8)	C178 C179 C180	115.6(16)
S40 Ag31 S39	124.69(11)	C178 C179 C182	124.9(16)
S40 Ag31 S42	101.42(12)	C180 C179 C182	119.4(14)
S42 Ag31 Ag6	112.75(9)	C181 C180 C179	121.2(16)
S42 Ag31 Ag30	50.83(9)	C176 C181 C180	123.2(15)
S42 Ag31 Ag32	144.77(10)	C183 C182 C179	111.0(15)
S42 Ag31 Ag71	52.26(9)	C184 C182 C179	114.6(15)
Ag6 Ag32 Ag7	49.13(3)	C184 C182 C183	101.9(15)
Ag6 Ag32 Ag27	51.55(3)	C185 C182 C179	109.4(16)
Ag6 Ag32 Ag33	51.68(3)	C185 C182 C183	116.1(17)
Ag6 Ag32 Ag62	112.57(5)	C185 C182 C184	103.7(18)
Ag27 Ag32 Ag7	53.83(3)	C187 C186 S29	122.5(11)
Ag27 Ag32 Ag62	88.68(4)	C187 C186 C191	117.1(14)
Ag31 Ag32 Ag6	55.39(3)	C191 C186 S29	120.3(11)
Ag31 Ag32 Ag7	103.89(5)	C186 C187 C188	122.1(14)
Ag31 Ag32 Ag27	87.45(5)	C187 C188 C189	120.7(16)
Ag31 Ag32 Ag33	74.81(4)	C188 C189 C0AA	119.9(17)
Ag31 Ag32 Ag62	166.31(6)	C190 C189 C188	117.2(17)

Ag33 Ag32 Ag7	53.47(3)	C190 C189 C0AA	122.9(18)
Ag33 Ag32 Ag27	96.16(4)	C191 C190 C189	123.9(19)
Ag33 Ag32 Ag62	92.57(4)	C190 C191 C186	118.9(17)
Ag62 Ag32 Ag7	63.50(4)	C193 C192 S32	120.3(11)
S6 Ag32 Ag6	95.85(8)	C193 C192 C197	119.2(14)
S6 Ag32 Ag7	64.27(7)	C197 C192 S32	120.5(12)
S6 Ag32 Ag27	117.11(8)	C192 C193 C194	121.4(15)
S6 Ag32 Ag31	118.76(9)	C195 C194 C193	120.2(17)
S6 Ag32 Ag33	49.10(8)	C194 C195 C196	115.0(16)
S6 Ag32 Ag62	52.29(8)	C194 C195 C198	117.5(17)
S6 Ag32 S21	94.18(11)	C196 C195 C198	127.4(17)
S21 Ag32 Ag6	98.84(8)	C197 C196 C195	123.4(18)
S21 Ag32 Ag7	65.79(7)	C196 C197 C192	120.1(18)
S21 Ag32 Ag27	52.75(8)	C195 C198 C199	107.9(15)
S21 Ag32 Ag31	137.96(9)	C195 C198 C200	110.3(16)
S21 Ag32 Ag33	117.54(8)	C200 C198 C199	113.1(16)
S21 Ag32 Ag62	44.07(8)	C493 C198 C195	112.3(16)
S40 Ag32 Ag6	104.99(10)	C493 C198 C199	115.2(17)
S40 Ag32 Ag7	150.51(10)	C493 C198 C200	97.9(16)
S40 Ag32 Ag27	100.60(9)	C203 C202 S34	120.4(6)
S40 Ag32 Ag31	55.80(10)	C203 C202 C207	120.0
S40 Ag32 Ag33	126.45(10)	C207 C202 S34	119.5(6)
S40 Ag32 Ag62	137.88(11)	C204 C203 C202	120.0
S40 Ag32 S6	142.06(12)	C205 C204 C203	120.0
S40 Ag32 S21	113.01(12)	C204 C205 C206	120.0
Ag4 Ag33 Ag7	56.73(3)	C204 C205 C485	122.7(6)
Ag4 Ag33 Ag32	110.86(4)	C206 C205 C485	116.3(6)
Ag4 Ag33 Ag34	58.49(3)	C207 C206 C205	120.0
Ag4 Ag33 Ag35	60.27(3)	C206 C207 C202	120.0
Ag4 Ag33 Ag64	89.70(3)	C209 C208 S35	122.4(11)
Ag6 Ag33 Ag4	55.55(2)	C209 C208 C213	118.1(13)
Ag6 Ag33 Ag7	56.04(3)	C213 C208 S35	119.4(11)
Ag6 Ag33 Ag32	63.04(3)	C208 C209 C210	117.4(14)
Ag6 Ag33 Ag34	106.35(3)	C211 C210 C209	124.6(16)
Ag6 Ag33 Ag35	61.67(3)	C210 C211 C212	116.6(15)
Ag6 Ag33 Ag64	111.40(4)	C210 C211 C214	122.3(15)
Ag7 Ag33 Ag32	64.66(3)	C212 C211 C214	121.1(14)
Ag7 Ag33 Ag64	55.48(3)	C211 C212 C213	123.5(14)
Ag34 Ag33 Ag7	107.67(4)	C212 C213 C208	119.4(15)
Ag34 Ag33 Ag32	169.02(4)	C215 C214 C211	109.3(16)

Ag34 Ag33 Ag64	96.93(4)	C215 C214 C216	105.7(17)
Ag35 Ag33 Ag7	108.01(3)	C216 C214 C211	112.2(16)
Ag35 Ag33 Ag32	113.68(4)	C217 C214 C211	105.9(16)
Ag35 Ag33 Ag34	59.91(3)	C217 C214 C215	116.0(17)
Ag35 Ag33 Ag64	148.26(4)	C217 C214 C216	107.8(17)
Ag64 Ag33 Ag32	85.13(4)	C219 C218 P3	125.7(12)
S6 Ag33 Ag4	125.54(8)	C219 C218 C223	116.1(15)
S6 Ag33 Ag6	104.15(7)	C223 C218 P3	118.2(12)
S6 Ag33 Ag7	70.03(7)	C218 C219 C220	123.4(18)
S6 Ag33 Ag32	46.70(7)	C221 C220 C219	118(2)
S6 Ag33 Ag34	140.20(8)	C222 C221 C220	118.3(19)
S6 Ag33 Ag35	159.88(8)	C221 C222 C223	120.8(19)
S6 Ag33 Ag64	47.64(7)	C218 C223 C222	123.1(18)
S6 Ag33 S38	90.42(10)	C229 C224 P3	118.0(6)
S38 Ag33 Ag4	92.53(7)	C229 C224 C225	120.0
S38 Ag33 Ag6	147.76(8)	C225 C224 P3	122.0(6)
S38 Ag33 Ag7	104.92(8)	C228 C229 C224	120.0
S38 Ag33 Ag32	137.11(8)	C229 C228 C227	120.0
S38 Ag33 Ag34	50.78(7)	C226 C227 C228	120.0
S38 Ag33 Ag35	109.10(8)	C227 C226 C225	120.0
S38 Ag33 Ag64	58.67(7)	C226 C225 C224	120.0
S39 Ag33 Ag4	112.67(8)	C231 C230 P3	124.7(12)
S39 Ag33 Ag6	79.48(7)	C235 C230 P3	119.6(11)
S39 Ag33 Ag7	132.62(7)	C235 C230 C231	115.6(15)
S39 Ag33 Ag32	82.16(7)	C230 C231 C232	124.1(17)
S39 Ag33 Ag34	99.19(8)	C233 C232 C231	116.7(18)
S39 Ag33 Ag35	54.62(7)	C232 C233 C234	122.2(18)
S39 Ag33 Ag64	157.06(8)	C235 C234 C233	112.4(17)
S39 Ag33 S6	111.08(11)	C230 C235 C234	128.9(17)
S39 Ag33 S38	122.23(10)	C237 C236 S33	124.0(11)
Ag3 Ag34 Ag49	61.00(3)	C237 C236 C241	118.2(13)
Ag4 Ag34 Ag3	53.38(2)	C241 C236 S33	117.7(11)
Ag4 Ag34 Ag33	60.11(3)	C238 C237 C236	123.7(15)
Ag4 Ag34 Ag35	60.78(3)	C237 C238 C239	122.9(16)
Ag4 Ag34 Ag49	89.47(4)	C238 C239 C240	114.5(14)
Ag4 Ag34 Ag51	96.03(4)	C238 C239 C242	123.7(15)
Ag4 Ag34 S11	127.68(7)	C240 C239 C242	121.5(14)
Ag33 Ag34 Ag3	105.75(3)	C239 C240 C241	122.0(15)
Ag33 Ag34 Ag49	91.05(4)	C236 C241 C240	118.1(14)
Ag33 Ag34 S11	146.73(8)	C239 C242 C244	103.9(15)

Ag35 Ag34 Ag3	106.51(3)	C243 C242 C239	115.5(17)
Ag35 Ag34 Ag33	59.81(3)	C243 C242 C244	101.6(17)
Ag35 Ag34 Ag49	145.37(4)	C243 C242 C245	112.5(18)
Ag35 Ag34 S11	153.16(8)	C245 C242 C239	112.6(16)
Ag51 Ag34 Ag3	55.94(3)	C245 C242 C244	109.5(17)
Ag51 Ag34 Ag33	155.91(4)	C247 C246 S36	119.7(9)
Ag51 Ag34 Ag35	107.35(4)	C251 C246 S36	120.8(9)
Ag51 Ag34 Ag49	92.07(4)	C251 C246 C247	119.2(12)
Ag51 Ag34 S11	50.06(8)	C246 C247 C248	119.3(13)
S7 Ag34 Ag3	97.25(8)	C249 C248 C247	124.3(13)
S7 Ag34 Ag4	93.73(7)	C248 C249 C250	114.9(13)
S7 Ag34 Ag33	116.78(8)	C248 C249 C252	123.5(13)
S7 Ag34 Ag35	57.32(7)	C250 C249 C252	121.6(14)
S7 Ag34 Ag49	149.44(9)	C249 C250 C251	122.8(14)
S7 Ag34 Ag51	57.37(8)	C246 C251 C250	119.1(13)
S7 Ag34 S11	95.84(10)	C249 C252 C253	108.5(14)
S11 Ag34 Ag3	74.40(7)	C249 C252 C255	114.2(15)
S11 Ag34 Ag49	59.28(8)	C254 C252 C249	112.0(14)
S38 Ag34 Ag3	103.23(8)	C254 C252 C253	109.2(15)
S38 Ag34 Ag4	98.36(7)	C254 C252 C255	106.5(15)
S38 Ag34 Ag33	57.37(7)	C255 C252 C253	106.2(15)
S38 Ag34 Ag35	115.36(8)	C257 C256 S37	116.7(10)
S38 Ag34 Ag49	47.67(8)	C261 C256 S37	123.9(10)
S38 Ag34 Ag51	136.68(8)	C261 C256 C257	119.4(12)
S38 Ag34 S7	159.52(12)	C258 C257 C256	119.8(13)
S38 Ag34 S11	89.80(10)	C259 C258 C257	119.0(14)
Ag4 Ag35 Ag5	56.18(3)	C258 C259 C262	120.3(14)
Ag4 Ag35 Ag6	54.39(2)	C260 C259 C258	117.5(16)
Ag4 Ag35 Ag30	111.75(4)	C260 C259 C262	122.2(16)
Ag4 Ag35 Ag34	58.35(3)	C259 C260 C261	126(2)
Ag4 Ag35 Ag36	90.09(3)	C256 C261 C260	118.1(16)
Ag5 Ag35 Ag30	66.80(3)	C259 C262 C263	110.4(17)
Ag5 Ag35 Ag36	59.17(3)	C259 C262 C264	110.1(17)
Ag6 Ag35 Ag5	55.18(2)	C263 C262 C264	112.2(18)
Ag6 Ag35 Ag30	63.85(3)	C265 C262 C259	109.4(18)
Ag6 Ag35 Ag36	114.34(3)	C265 C262 C263	104.0(19)
Ag33 Ag35 Ag4	59.47(3)	C265 C262 C264	110.7(19)
Ag33 Ag35 Ag5	105.32(4)	C267 C266 S31	121.0(10)
Ag33 Ag35 Ag6	58.64(3)	C267 C266 C271	116.6(12)
Ag33 Ag35 Ag30	109.85(4)	C271 C266 S31	122.3(10)

Ag33 Ag35 Ag34	60.28(3)	C266 C267 C268	121.0(13)
Ag33 Ag35 Ag36	147.61(4)	C269 C268 C267	123.7(13)
Ag34 Ag35 Ag5	108.07(4)	C268 C269 C272	124.1(13)
Ag34 Ag35 Ag6	104.35(4)	C270 C269 C268	112.6(13)
Ag34 Ag35 Ag30	168.15(4)	C270 C269 C272	123.3(14)
Ag34 Ag35 Ag36	95.62(3)	C271 C270 C269	124.7(16)
Ag36 Ag35 Ag30	90.68(3)	C270 C271 C266	121.3(14)
S7 Ag35 Ag4	88.28(8)	C269 C272 C273	107.7(13)
S7 Ag35 Ag5	100.64(7)	C269 C272 C275	111.2(14)
S7 Ag35 Ag6	142.03(8)	C274 C272 C269	110.3(14)
S7 Ag35 Ag30	138.80(8)	C274 C272 C273	106.7(15)
S7 Ag35 Ag33	111.33(8)	C274 C272 C275	109.4(15)
S7 Ag35 Ag34	51.36(8)	C275 C272 C273	111.5(14)
S7 Ag35 Ag36	52.23(7)	C277 C276 S30	117.1(9)
S32 Ag35 Ag4	124.56(7)	C277 C276 C281	120.0
S32 Ag35 Ag5	69.22(7)	C281 C276 S30	122.8(9)
S32 Ag35 Ag6	102.35(7)	C276 C277 C278	120.0
S32 Ag35 Ag30	45.73(7)	C277 C278 C279	120.0
S32 Ag35 Ag33	155.54(7)	C278 C279 C282	125.0(13)
S32 Ag35 Ag34	144.08(7)	C280 C279 C278	120.0
S32 Ag35 Ag36	51.09(7)	C280 C279 C282	114.7(13)
S32 Ag35 S7	93.12(10)	C279 C280 C281	120.0
S39 Ag35 Ag4	111.97(8)	C280 C281 C276	120.0
S39 Ag35 Ag5	129.61(7)	C283 C282 C279	105.8(15)
S39 Ag35 Ag6	77.80(7)	C283 C282 C284	106.5(17)
S39 Ag35 Ag30	77.59(7)	C283 C282 C505	108.8(17)
S39 Ag35 Ag33	54.70(8)	C284 C282 C279	115.9(16)
S39 Ag35 Ag34	99.53(7)	C505 C282 C279	114.2(17)
S39 Ag35 Ag36	157.54(8)	C505 C282 C284	105.3(17)
S39 Ag35 S7	129.25(9)	C286 C285 P4	116.7(13)
S39 Ag35 S32	109.30(10)	C286 C285 C290	120.7(15)
Ag5 Ag36 Ag35	57.88(3)	C290 C285 P4	122.3(12)
Ag5 Ag36 Ag69	62.84(3)	C285 C286 C287	120.8(16)
Ag10 Ag36 Ag5	56.94(2)	C288 C287 C286	118.1(16)
Ag10 Ag36 Ag35	82.51(3)	C289 C288 C287	116.9(18)
Ag10 Ag36 Ag37	60.57(3)	C288 C289 C290	125(2)
Ag10 Ag36 Ag69	109.79(4)	C285 C290 C289	117.7(16)
Ag12 Ag36 Ag5	55.61(2)	C292 C291 P4	120.5(12)
Ag12 Ag36 Ag10	55.56(2)	C292 C291 C296	116.6(15)
Ag12 Ag36 Ag35	112.96(3)	C296 C291 P4	122.9(13)

Ag12 Ag36 Ag37 59.81(3)	C293 C292 C291 122.3(15)
Ag12 Ag36 Ag69 62.47(3)	C294 C293 C292 120.7(18)
Ag37 Ag36 Ag5 106.91(3)	C293 C294 C295 120(2)
Ag37 Ag36 Ag35 139.89(4)	C294 C295 C296 122(2)
Ag37 Ag36 Ag69 111.69(4)	C295 C296 C291 118(2)
Ag69 Ag36 Ag35 94.35(3)	C298 C297 P4 122.3(8)
S7 Ag36 Ag5 98.93(7)	C298 C297 C302 120.0
S7 Ag36 Ag10 78.95(8)	C302 C297 P4 117.3(8)
S7 Ag36 Ag12 134.40(8)	C299 C298 C297 120.0
S7 Ag36 Ag35 51.46(7)	C298 C299 C300 120.0
S7 Ag36 Ag37 102.76(8)	C301 C300 C299 120.0
S7 Ag36 Ag69 144.31(8)	C300 C301 C302 120.0
S32 Ag36 Ag5 68.48(7)	C301 C302 C297 120.0
S32 Ag36 Ag10 122.05(8)	C304 C303 S28 124.3(12)
S32 Ag36 Ag12 107.99(7)	C304 C303 C308 119.3(15)
S32 Ag36 Ag35 51.03(7)	C308 C303 S28 116.1(12)
S32 Ag36 Ag37 164.72(7)	C303 C304 C305 123.7(16)
S32 Ag36 Ag69 53.06(6)	C304 C305 C306 117.7(17)
S32 Ag36 S7 92.43(10)	C305 C306 C490 115.6(17)
S34 Ag36 Ag5 139.74(7)	C307 C306 C305 115.7(17)
S34 Ag36 Ag10 113.97(8)	C307 C306 C490 128.3(19)
S34 Ag36 Ag12 86.13(7)	C306 C307 C308 125.5(18)
S34 Ag36 Ag35 160.26(7)	C303 C308 C307 117.5(16)
S34 Ag36 Ag37 53.62(7)	C310 C309 S13 120.9(10)
S34 Ag36 Ag69 90.15(6)	C314 C309 S13 119.2(11)
S34 Ag36 S7 118.65(9)	C314 C309 C310 119.8(13)
S34 Ag36 S32 119.99(10)	C311 C310 C309 118.4(15)
Ag10 Ag37 Ag11 56.08(3)	C312 C311 C310 124.6(15)
Ag10 Ag37 Ag38 82.37(3)	C311 C312 C313 114.2(14)
Ag10 Ag37 Ag67 114.81(4)	C311 C312 C315 127.2(14)
Ag11 Ag37 Ag38 55.57(2)	C313 C312 C315 118.4(14)
Ag11 Ag37 Ag67 67.54(3)	C314 C313 C312 123.8(18)
Ag12 Ag37 Ag10 54.67(2)	C309 C314 C313 118.2(17)
Ag12 Ag37 Ag11 53.89(2)	C312 C315 C316 115.7(15)
Ag12 Ag37 Ag36 57.97(3)	C312 C315 C317 113.6(14)
Ag12 Ag37 Ag38 109.21(3)	C317 C315 C316 99.5(16)
Ag12 Ag37 Ag67 67.21(3)	C318 C315 C312 111.6(15)
Ag36 Ag37 Ag10 59.46(3)	C318 C315 C316 103.5(12)
Ag36 Ag37 Ag11 103.90(3)	C318 C315 C317 112.1(16)
Ag36 Ag37 Ag38 140.54(4)	C321 C320 S12 121.1(12)

Ag36 Ag37 Ag67 112.10(4)	C321 C320 C325 120.4(14)
Ag38 Ag37 Ag67 91.77(4)	C325 C320 S12 118.2(11)
S8 Ag37 Ag10 74.27(7)	C320 C321 C322 119.4(17)
S8 Ag37 Ag11 93.05(7)	C321 C322 C323 120.0(18)
S8 Ag37 Ag12 128.32(8)	C322 C323 C326 126.4(18)
S8 Ag37 Ag36 104.58(8)	C324 C323 C322 115.7(18)
S8 Ag37 Ag38 50.98(7)	C324 C323 C326 117.8(18)
S8 Ag37 Ag67 141.49(8)	C323 C324 C325 127.2(19)
S8 Ag37 S37 94.21(10)	C324 C325 C320 116.7(16)
S34 Ag37 Ag10 112.84(7)	C323 C326 C327 103.9(17)
S34 Ag37 Ag11 136.92(6)	C328 C326 C323 105.6(18)
S34 Ag37 Ag12 84.93(6)	C328 C326 C327 93.3(17)
S34 Ag37 Ag36 53.59(7)	C329 C326 C323 111(2)
S34 Ag37 Ag38 163.89(7)	C329 C326 C327 116(2)
S34 Ag37 Ag67 86.59(7)	C329 C326 C328 124(2)
S34 Ag37 S8 126.01(10)	C331 C330 S10 119.7(9)
S34 Ag37 S37 117.90(10)	C331 C330 C335 118.0(11)
S37 Ag37 Ag10 123.44(8)	C335 C330 S10 121.4(9)
S37 Ag37 Ag11 70.00(7)	C330 C331 C332 120.0(13)
S37 Ag37 Ag12 106.49(6)	C333 C332 C331 122.4(14)
S37 Ag37 Ag36 160.65(7)	C332 C333 C336 122.1(14)
S37 Ag37 Ag38 51.68(7)	C334 C333 C332 116.6(15)
S37 Ag37 Ag67 48.57(6)	C334 C333 C336 121.2(16)
Ag11 Ag38 Ag37 61.51(3)	C333 C334 C335 122.9(17)
Ag11 Ag38 Ag66 66.71(3)	C330 C335 C334 119.9(14)
Ag37 Ag38 Ag66 91.35(3)	C333 C336 C337 104.6(16)
Ag39 Ag38 Ag11 59.56(3)	C338 C336 C333 109.9(18)
Ag39 Ag38 Ag37 91.74(3)	C338 C336 C337 102.2(18)
Ag39 Ag38 Ag42 57.16(3)	C338 C336 C339 109(2)
Ag39 Ag38 Ag52 61.26(3)	C339 C336 C333 113.0(18)
Ag39 Ag38 Ag66 115.98(4)	C339 C336 C337 117.1(19)
Ag42 Ag38 Ag11 55.76(2)	C341 C340 S38 119.7(14)
Ag42 Ag38 Ag37 117.28(3)	C341 C340 C345 120.4(19)
Ag42 Ag38 Ag52 69.74(4)	C345 C340 S38 119.8(14)
Ag42 Ag38 Ag66 65.13(3)	C340 C341 C342 114(2)
Ag52 Ag38 Ag11 114.23(4)	C343 C342 C341 126(3)
Ag52 Ag38 Ag37 143.93(5)	C342 C343 C344 117(3)
Ag52 Ag38 Ag66 121.01(4)	C342 C343 C346 125(3)
S8 Ag38 Ag11 97.50(7)	C344 C343 C346 116(2)
S8 Ag38 Ag37 50.57(7)	C345 C344 C343 116(2)

S8	Ag38 Ag39	80.41(8)	C340	C345	C344	124(2)
S8	Ag38 Ag42	136.75(8)	C347	C346	C343	110.2(19)
S8	Ag38 Ag52	98.62(8)	C347	C346	C348	105.7(19)
S8	Ag38 Ag66	140.35(8)	C347	C346	C501	105.9(18)
S8	Ag38 S13	124.62(9)	C348	C346	C343	103.9(19)
S8	Ag38 S37	93.98(10)	C501	C346	C343	113.6(19)
S13	Ag38 Ag11	135.62(7)	C501	C346	C348	117.1(19)
S13	Ag38 Ag37	157.05(8)	C351	C350	S9	120.1(9)
S13	Ag38 Ag39	110.15(8)	C351	C350	C355	118.7(11)
S13	Ag38 Ag42	81.78(7)	C355	C350	S9	121.2(10)
S13	Ag38 Ag52	51.91(8)	C350	C351	C352	120.1(13)
S13	Ag38 Ag66	85.29(7)	C353	C352	C351	122.6(13)
S13	Ag38 S37	112.57(10)	C352	C353	C354	117.4(13)
S37	Ag38 Ag11	73.40(6)	C352	C353	C356	120.5(13)
S37	Ag38 Ag37	51.82(7)	C354	C353	C356	122.1(14)
S37	Ag38 Ag39	131.10(7)	C353	C354	C355	121.2(14)
S37	Ag38 Ag42	107.09(7)	C350	C355	C354	119.9(13)
S37	Ag38 Ag52	164.06(8)	C353	C356	C358	110.4(14)
S37	Ag38 Ag66	47.38(7)	C357	C356	C353	108.8(16)
Ag2	Ag39 Ag10	65.38(3)	C357	C356	C358	99.4(16)
Ag2	Ag39 Ag11	87.87(3)	C357	C356	C359	118.8(18)
Ag2	Ag39 Ag19	57.13(2)	C359	C356	C353	112.2(16)
Ag2	Ag39 Ag40	59.49(3)	C359	C356	C358	106.5(16)
Ag2	Ag39 Ag41	81.67(3)	C361	C360	S8	116.5(11)
Ag2	Ag39 Ag52	147.54(4)	C361	C360	C365	121.9(14)
Ag3	Ag39 Ag2	59.06(2)	C365	C360	S8	121.6(11)
Ag3	Ag39 Ag10	57.98(3)	C360	C361	C362	118.3(15)
Ag3	Ag39 Ag11	117.57(3)	C363	C362	C361	121.8(16)
Ag3	Ag39 Ag19	116.13(3)	C362	C363	C366	117.9(16)
Ag3	Ag39 Ag38	125.84(4)	C364	C363	C362	118.9(17)
Ag3	Ag39 Ag40	58.60(3)	C364	C363	C366	122.4(18)
Ag3	Ag39 Ag41	117.07(4)	C363	C364	C365	121(2)
Ag3	Ag39 Ag52	117.06(4)	C360	C365	C364	117.8(17)
Ag10	Ag39 Ag19	92.54(3)	C363	C366	C369	115.2(16)
Ag10	Ag39 Ag52	143.73(4)	C367	C366	C363	109.4(16)
Ag11	Ag39 Ag10	60.32(3)	C367	C366	C368	105.9(17)
Ag11	Ag39 Ag19	58.01(2)	C367	C366	C369	104.3(16)
Ag11	Ag39 Ag52	117.42(4)	C368	C366	C363	110.5(16)
Ag38	Ag39 Ag2	149.86(4)	C368	C366	C369	110.9(16)
Ag38	Ag39 Ag10	91.53(3)	C371	C370	S7	118.3(13)

Ag38 Ag39 Ag11 63.11(3)	C375 C370 S7 119.3(15)
Ag38 Ag39 Ag19 108.03(3)	C375 C370 C371 121.9(18)
Ag38 Ag39 Ag40 150.64(4)	C370 C371 C372 112.5(19)
Ag38 Ag39 Ag41 112.99(4)	C373 C372 C371 131(2)
Ag38 Ag39 Ag52 61.36(3)	C372 C373 C374 112(2)
Ag40 Ag39 Ag10 110.30(3)	C372 C373 C376 123(2)
Ag40 Ag39 Ag11 144.86(3)	C374 C373 C376 120.4(19)
Ag40 Ag39 Ag19 90.92(3)	C373 C374 C375 112(2)
Ag40 Ag39 Ag52 90.20(3)	C370 C375 C374 120(2)
Ag41 Ag39 Ag10 144.07(3)	C373 C376 C378 111.1(17)
Ag41 Ag39 Ag11 106.65(3)	C373 C376 C379 110.3(17)
Ag41 Ag39 Ag19 55.91(2)	C377 C376 C373 102.1(17)
Ag41 Ag39 Ag40 59.34(3)	C377 C376 C378 115.2(18)
Ag41 Ag39 Ag52 72.08(4)	C377 C376 C379 113.7(18)
Ag42 Ag39 Ag2 110.65(3)	C379 C376 C378 104.6(17)
Ag42 Ag39 Ag3 169.68(3)	C381 C380 S39 119.3(12)
Ag42 Ag39 Ag10 118.70(3)	C385 C380 S39 121.0(13)
Ag42 Ag39 Ag11 58.39(3)	C385 C380 C381 119.6(16)
Ag42 Ag39 Ag19 53.56(2)	C382 C381 C380 113(2)
Ag42 Ag39 Ag38 62.27(3)	C383 C382 C381 133(2)
Ag42 Ag39 Ag40 118.28(4)	C382 C383 C384 110(2)
Ag42 Ag39 Ag41 58.94(3)	C382 C383 C386 126.9(19)
Ag42 Ag39 Ag52 71.75(3)	C384 C383 C386 122.9(18)
Ag52 Ag39 Ag19 117.52(4)	C385 C384 C383 124(2)
Ag2 Ag40 Ag20 54.95(2)	C384 C385 C380 119(2)
Ag2 Ag40 Ag22 80.65(3)	C383 C386 C388 109.4(17)
Ag2 Ag40 Ag23 60.64(3)	C383 C386 C389 108.8(17)
Ag2 Ag40 Ag39 59.85(3)	C387 C386 C383 111.8(19)
Ag2 Ag40 Ag55 156.28(4)	C387 C386 C388 111.9(19)
Ag3 Ag40 Ag2 58.97(2)	C387 C386 C389 100.8(19)
Ag3 Ag40 Ag20 113.91(3)	C388 C386 C389 114.0(18)
Ag3 Ag40 Ag22 114.54(3)	C391 C390 S6 119.4(10)
Ag3 Ag40 Ag23 56.42(3)	C395 C390 S6 121.8(11)
Ag3 Ag40 Ag39 57.91(3)	C395 C390 C391 118.8(13)
Ag3 Ag40 Ag41 117.04(3)	C390 C391 C392 114.5(14)
Ag3 Ag40 Ag47 127.59(4)	C393 C392 C391 126.1(18)
Ag3 Ag40 Ag55 122.31(4)	C392 C393 C394 118.6(16)
Ag22 Ag40 Ag20 54.04(2)	C392 C393 C396 123.5(17)
Ag22 Ag40 Ag23 59.27(3)	C394 C393 C396 117.9(14)
Ag22 Ag40 Ag55 114.91(4)	C395 C394 C393 118.9(15)

Ag23 Ag40 Ag20 89.32(3)	C394 C395 C390 122.9(15)
Ag39 Ag40 Ag20 89.37(3)	C393 C396 C398 108.0(19)
Ag39 Ag40 Ag22 138.07(3)	C393 C396 C399 112.7(18)
Ag39 Ag40 Ag23 106.50(3)	C397 C396 C393 117.2(19)
Ag39 Ag40 Ag55 99.50(3)	C397 C396 C398 100(2)
Ag41 Ag40 Ag2 82.19(3)	C397 C396 C399 113(2)
Ag41 Ag40 Ag20 55.79(2)	C399 C396 C398 104(2)
Ag41 Ag40 Ag22 103.98(3)	C6AA C400 S41 119.6(8)
Ag41 Ag40 Ag23 140.31(3)	C6AA C400 C408 120.0
Ag41 Ag40 Ag39 60.00(3)	C408 C400 S41 120.0(8)
Ag41 Ag40 Ag55 76.79(3)	C7AA C6AA C400 120.0
Ag46 Ag40 Ag2 106.78(3)	C6AA C7AA C403 120.0
Ag46 Ag40 Ag3 165.63(3)	C7AA C403 C407 120.0
Ag46 Ag40 Ag20 51.83(2)	C7AA C403 C404 119.9(13)
Ag46 Ag40 Ag22 57.53(3)	C407 C403 C404 119.5(13)
Ag46 Ag40 Ag23 116.77(3)	C408 C407 C403 120.0
Ag46 Ag40 Ag39 118.42(3)	C407 C408 C400 120.0
Ag46 Ag40 Ag41 58.62(3)	C405 C404 C403 106.8(19)
Ag46 Ag40 Ag47 61.51(3)	C405 C404 C491 106(2)
Ag46 Ag40 Ag55 71.28(3)	C406 C404 C403 112.2(19)
Ag47 Ag40 Ag2 141.15(4)	C406 C404 C405 119(2)
Ag47 Ag40 Ag20 103.63(3)	C406 C404 C491 107(2)
Ag47 Ag40 Ag22 61.60(3)	C491 C404 C403 104.7(18)
Ag47 Ag40 Ag23 90.34(3)	C410 C409 S42 123.5(8)
Ag47 Ag40 Ag39 158.98(4)	C410 C409 C414 120.0
Ag47 Ag40 Ag41 114.02(4)	C414 C409 S42 116.5(8)
Ag47 Ag40 Ag55 59.86(3)	C411 C410 C409 120.0
Ag55 Ag40 Ag20 118.33(4)	C410 C411 C412 120.0
Ag55 Ag40 Ag23 142.20(4)	C411 C412 C413 120.0
Ag19 Ag41 Ag20 58.85(2)	C411 C412 C415 116.7(13)
Ag19 Ag41 Ag43 59.24(3)	C413 C412 C415 122.9(13)
Ag19 Ag41 Ag45 142.45(4)	C412 C413 C414 120.0
Ag19 Ag41 Ag52 114.78(3)	C413 C414 C409 120.0
Ag19 Ag41 Ag54 108.78(3)	C412 C415 C417 115.0(17)
Ag19 Ag41 Ag55 150.92(4)	C416 C415 C412 108.5(16)
Ag20 Ag41 Ag43 89.97(3)	C416 C415 C417 113.3(18)
Ag20 Ag41 Ag45 104.70(3)	C416 C415 C494 105.2(18)
Ag20 Ag41 Ag52 150.74(4)	C494 C415 C412 107.0(17)
Ag20 Ag41 Ag54 144.87(4)	C494 C415 C417 107.4(18)
Ag20 Ag41 Ag55 112.29(3)	C420 C418 P5 115.6(10)

Ag39 Ag41 Ag19 69.76(3)	C420 C418 C422 120.0
Ag39 Ag41 Ag20 99.41(3)	C422 C418 P5 124.3(10)
Ag39 Ag41 Ag43 112.36(3)	C421 C420 C418 120.0
Ag39 Ag41 Ag45 147.23(3)	C420 C421 C5AA 120.0
Ag39 Ag41 Ag52 54.90(3)	C423 C5AA C421 120.0
Ag39 Ag41 Ag54 106.55(3)	C422 C423 C5AA 120.0
Ag39 Ag41 Ag55 85.99(3)	C423 C422 C418 120.0
Ag40 Ag41 Ag19 100.20(3)	C429 C424 P5 120.8(8)
Ag40 Ag41 Ag20 72.23(3)	C429 C424 C425 120.0
Ag40 Ag41 Ag39 60.66(3)	C425 C424 P5 119.2(8)
Ag40 Ag41 Ag43 158.41(4)	C424 C429 C428 120.0
Ag40 Ag41 Ag45 106.24(3)	C429 C428 C427 120.0
Ag40 Ag41 Ag52 81.83(3)	C426 C427 C428 120.0
Ag40 Ag41 Ag54 141.70(3)	C425 C426 C427 120.0
Ag40 Ag41 Ag55 52.44(2)	C426 C425 C424 120.0
Ag42 Ag41 Ag19 58.31(2)	C435 C430 P5 115.5(10)
Ag42 Ag41 Ag20 117.16(3)	C435 C430 C431 120.0
Ag42 Ag41 Ag39 57.88(3)	C431 C430 P5 124.3(10)
Ag42 Ag41 Ag40 118.54(4)	C430 C435 C434 120.0
Ag42 Ag41 Ag43 58.53(3)	C435 C434 C433 120.0
Ag42 Ag41 Ag45 125.34(4)	C432 C433 C434 120.0
Ag42 Ag41 Ag52 64.08(3)	C431 C432 C433 120.0
Ag42 Ag41 Ag54 61.84(3)	C432 C431 C430 120.0
Ag42 Ag41 Ag55 121.74(3)	C437 C436 S40 118.4(8)
Ag43 Ag41 Ag52 111.65(3)	C437 C436 C441 120.0
Ag43 Ag41 Ag55 148.98(4)	C441 C436 S40 121.6(8)
Ag45 Ag41 Ag43 89.74(3)	C438 C437 C436 120.0
Ag45 Ag41 Ag52 95.22(3)	C437 C438 C439 120.0
Ag45 Ag41 Ag55 64.52(3)	C438 C439 C440 120.0
Ag46 Ag41 Ag19 116.60(3)	C438 C439 C442 124.3(13)
Ag46 Ag41 Ag20 57.77(2)	C440 C439 C442 115.6(13)
Ag46 Ag41 Ag39 119.30(3)	C441 C440 C439 120.0
Ag46 Ag41 Ag40 58.85(3)	C440 C441 C436 120.0
Ag46 Ag41 Ag42 174.46(4)	C443 C442 C439 109.6(19)
Ag46 Ag41 Ag43 121.76(3)	C443 C442 C444 102(2)
Ag46 Ag41 Ag45 59.84(3)	C444 C442 C439 118(2)
Ag46 Ag41 Ag52 118.93(3)	C445 C442 C439 108.9(19)
Ag46 Ag41 Ag54 123.46(4)	C445 C442 C443 113(2)
Ag46 Ag41 Ag55 61.30(2)	C445 C442 C444 104(2)
Ag52 Ag41 Ag55 57.70(3)	C447 C446 S5 121.3(9)

Ag54 Ag41 Ag43 58.55(3)	C447 C446 C451 119.9(12)
Ag54 Ag41 Ag45 63.66(3)	C451 C446 S5 118.8(10)
Ag54 Ag41 Ag52 63.67(3)	C446 C447 C448 122.1(14)
Ag54 Ag41 Ag55 93.03(3)	C447 C448 C449 118.8(15)
Ag11 Ag42 Ag18 64.56(3)	C448 C449 C450 117.1(14)
Ag11 Ag42 Ag19 66.70(3)	C448 C449 C452 120.3(14)
Ag11 Ag42 Ag38 64.37(3)	C450 C449 C452 122.1(14)
Ag11 Ag42 Ag41 114.39(3)	C451 C450 C449 122.7(16)
Ag11 Ag42 Ag43 120.85(3)	C450 C451 C446 118.0(15)
Ag11 Ag42 Ag52 110.09(3)	C453 C452 C449 107.5(15)
Ag11 Ag42 Ag53 122.21(4)	C454 C452 C449 106.9(15)
Ag11 Ag42 Ag54 175.42(3)	C454 C452 C453 109.5(17)
Ag11 Ag42 Ag66 69.13(3)	C455 C452 C449 112.9(16)
Ag18 Ag42 Ag43 62.93(3)	C455 C452 C453 106.8(17)
Ag18 Ag42 Ag52 172.96(4)	C455 C452 C454 112.9(18)
Ag18 Ag42 Ag54 120.01(3)	C457 C456 S4 121.1(11)
Ag18 Ag42 Ag66 63.93(3)	C457 C456 C461 120.5(14)
Ag19 Ag42 Ag18 60.56(3)	C461 C456 S4 118.3(11)
Ag19 Ag42 Ag38 123.75(3)	C456 C457 C458 120.9(15)
Ag19 Ag42 Ag43 65.14(3)	C457 C458 C459 119.1(15)
Ag19 Ag42 Ag52 122.53(3)	C458 C459 C462 122.2(14)
Ag19 Ag42 Ag53 151.49(3)	C460 C459 C458 117.9(14)
Ag19 Ag42 Ag54 114.64(3)	C460 C459 C462 119.7(14)
Ag19 Ag42 Ag66 119.36(3)	C461 C460 C459 122.5(18)
Ag38 Ag42 Ag18 116.82(3)	C460 C461 C456 119.0(17)
Ag38 Ag42 Ag43 170.42(4)	C459 C462 C464 107.2(14)
Ag38 Ag42 Ag52 56.15(3)	C463 C462 C459 108.5(15)
Ag38 Ag42 Ag54 112.26(3)	C463 C462 C464 111.6(16)
Ag38 Ag42 Ag66 64.92(3)	C463 C462 C465 112.3(15)
Ag39 Ag42 Ag11 63.87(3)	C465 C462 C459 111.8(14)
Ag39 Ag42 Ag18 121.02(3)	C465 C462 C464 105.4(16)
Ag39 Ag42 Ag19 74.19(3)	C1BA C466 S3 116.3(6)
Ag39 Ag42 Ag38 60.57(3)	C1BA C466 C2BA 120.0
Ag39 Ag42 Ag41 63.17(3)	C2BA C466 S3 123.7(6)
Ag39 Ag42 Ag43 128.47(4)	C489 C1BA C466 120.0
Ag39 Ag42 Ag52 57.13(3)	C488 C489 C1BA 120.0
Ag39 Ag42 Ag53 134.27(3)	C489 C488 C467 120.0
Ag39 Ag42 Ag54 111.96(3)	C489 C488 C503 120.0(10)
Ag39 Ag42 Ag66 118.75(3)	C467 C488 C503 119.7(10)
Ag41 Ag42 Ag18 118.25(3)	C2BA C467 C488 120.0

Ag41 Ag42 Ag19 63.93(3)	C467 C2BA C466 120.0
Ag41 Ag42 Ag38 115.13(3)	C469 C468 S2 124.6(9)
Ag41 Ag42 Ag43 71.05(3)	C469 C468 C473 118.6(12)
Ag41 Ag42 Ag52 67.70(3)	C473 C468 S2 116.7(10)
Ag41 Ag42 Ag53 122.02(3)	C468 C469 C470 120.1(14)
Ag41 Ag42 Ag54 63.68(3)	C469 C470 C471 125.2(15)
Ag41 Ag42 Ag66 176.30(3)	C470 C471 C474 127.1(14)
Ag43 Ag42 Ag52 123.91(4)	C472 C471 C470 111.6(14)
Ag43 Ag42 Ag66 108.42(4)	C472 C471 C474 121.3(14)
Ag52 Ag42 Ag66 110.35(3)	C471 C472 C473 127.6(16)
Ag53 Ag42 Ag18 97.10(3)	C472 C473 C468 116.7(15)
Ag53 Ag42 Ag38 80.93(3)	C471 C474 C475 109.5(15)
Ag53 Ag42 Ag43 89.57(4)	C471 C474 C476 114.4(16)
Ag53 Ag42 Ag52 81.84(3)	C475 C474 C476 98.9(16)
Ag53 Ag42 Ag54 58.91(3)	C477 C474 C471 115.1(16)
Ag53 Ag42 Ag66 54.29(3)	C477 C474 C475 108.1(17)
Ag54 Ag42 Ag43 62.97(3)	C477 C474 C476 109.4(17)
Ag54 Ag42 Ag52 65.40(3)	C205 C485 C498 108.9(13)
Ag54 Ag42 Ag66 112.72(3)	C486 C485 C205 116.0(13)
Ag18 Ag43 Ag19 54.40(3)	C486 C485 C487 108.9(12)
Ag18 Ag43 Ag41 96.56(4)	C486 C485 C498 104.8(10)
Ag18 Ag43 Ag54 108.79(4)	C487 C485 C205 114.2(14)
Ag19 Ag43 Ag41 53.15(3)	C487 C485 C498 102.9(10)
Ag19 Ag43 Ag54 100.71(4)	C507 C490 C306 110(2)
Ag42 Ag43 Ag18 55.95(3)	C507 C490 C2AA 106.1(19)
Ag42 Ag43 Ag19 53.17(3)	C507 C490 C1AA 104.8(19)
Ag42 Ag43 Ag41 50.42(3)	C2AA C490 C306 105.7(18)
Ag42 Ag43 Ag54 57.51(3)	C1AA C490 C306 110.8(18)
Ag54 Ag43 Ag41 55.22(3)	C1AA C490 C2AA 119(2)
S9 Ag43 Ag18 102.90(9)	C488 C503 C0BA 112.7(15)
S9 Ag43 Ag19 59.52(8)	C504 C503 C488 111.5(15)
S9 Ag43 Ag41 70.02(7)	C504 C503 C0BA 115.3(17)
S9 Ag43 Ag42 107.48(8)	C3BA C503 C488 109.3(15)
S9 Ag43 Ag54 118.38(8)	C3BA C503 C504 105.2(12)
S9 Ag43 S27 85.66(11)	C3BA C503 C0BA 102.0(10)
S27 Ag43 Ag18 162.61(8)	C189 C0AA C499 103.1(19)
S27 Ag43 Ag19 121.34(9)	C492 C0AA C189 114.5(18)
S27 Ag43 Ag41 71.89(8)	C492 C0AA C499 93.8(19)
S27 Ag43 Ag42 107.21(8)	C506 C0AA C189 109.6(16)
S27 Ag43 Ag54 54.02(7)	C506 C0AA C492 129.5(19)

S29 Ag43 Ag18 52.88(7)	C506 C0AA C499 99.2(19)
S29 Ag43 Ag19 107.28(8)	C500 C8AAP2 118.8(6)
S29 Ag43 Ag41 136.16(8)	C500 C8AA C732 120.0
S29 Ag43 Ag42 85.93(7)	C732 C8AAP2 121.2(6)
S29 Ag43 Ag54 101.21(8)	C9AA C500 C8AA 120.0
S29 Ag43 S9 139.51(11)	C651 C9AA C500 120.0
S29 Ag43 S27 127.60(11)	C9AA C651 C667 120.0
Ag45 Ag44 Ag46 56.91(4)	C732 C667 C651 120.0
Ag45 Ag44 Ag58 104.96(5)	C667 C732 C8AA 120.0
Ag46 Ag44 Ag58 51.69(4)	

Table S7. Bond Lengths for Ag₇₀-TPTP.

Atom	Atom	Length/Å	Atom	Atom	Length/Å
Ag01	Ag04	2.7627(19)	C45	C3BA	1.3900
Ag01	Ag05	2.788(2)	C3BA	C77	1.3900
Ag01	Ag07	2.758(2)	C77	C38	1.3900
Ag01	Ag08	2.785(2)	C77	C4HA	1.534(10)
Ag01	Ag09	2.8123(18)	C38	C4BA	1.3900
Ag01	Ag0C	2.9093(19)	C0CA	C1CA	1.3900
Ag01	Ag0E	2.806(2)	C0CA	C17	1.3900
Ag01	Ag0F	3.368(2)	C1CA	C273	1.3900
Ag01	Ag0H	2.923(2)	C273	C280	1.3900
Ag01	Ag0Q	3.356(2)	C280	C2CA	1.3900
Ag02	Ag05	2.811(2)	C280	C6PA	1.525(10)
Ag02	Ag0D	2.952(2)	C2CA	C17	1.3900
Ag02	Ag0J	2.845(2)	C5AA	C3AA	1.3900
Ag02	Ag0R	3.093(2)	C5AA	C9CA	1.3900
Ag02	Ag0S	2.791(2)	C3AA	C4AA	1.3900
Ag02	Ag0V	2.819(3)	C4AA	C0DA	1.3900
Ag02	Ag14	2.968(2)	C0DA	C24	1.3900
Ag02	Ag18	3.278(3)	C24	C9CA	1.3900
Ag02	Ag1B	3.054(3)	C24	C4MA	1.533(9)
Ag02	Ag1D	3.138(3)	C7DA	C6DA	1.3900
Ag02	Ag1T	3.067(3)	C7DA	C102	1.3900
Ag03	Ag04	2.7504(19)	C6DA	C68	1.3900
Ag03	Ag0G	2.868(2)	C68	C91	1.3900
Ag03	Ag0I	3.004(2)	C91	C5DA	1.3900
Ag03	Ag0N	2.835(2)	C91	C178	1.47(3)
Ag03	Ag0O	2.823(2)	C5DA	C102	1.3900
Ag03	Ag0P	2.842(2)	C75	C117	1.3900
Ag03	Ag0Z	2.947(2)	C75	C284	1.3900
Ag03	Ag15	3.016(2)	C117	C388	1.3900
Ag03	Ag1E	3.027(2)	C388	C118	1.3900
Ag03	Ag1K	3.112(3)	C118	C186	1.3900
Ag04	Ag07	2.944(2)	C118	C10A	1.535(9)
Ag04	Ag09	3.018(2)	C186	C284	1.3900
Ag04	Ag0E	2.950(2)	C4EA	C8BA	1.3900
Ag04	Ag0G	2.924(2)	C4EA	C7BA	1.3900
Ag04	Ag0I	2.996(2)	C8BA	C9BA	1.3900
Ag04	Ag0N	2.941(2)	C9BA	C5EA	1.3900
Ag04	Ag0O	3.079(2)	C5EA	C6BA	1.3900

Ag04	Ag0P	3.118(2)	C5EA	C4IA	1.528(10)
Ag04	Ag0Q	2.933(2)	C6BA	C7BA	1.3900
Ag05	Ag07	2.971(2)	C7EA	C328	1.3900
Ag05	Ag08	2.930(2)	C7EA	C478	1.3900
Ag05	Ag09	2.987(2)	C328	C232	1.3900
Ag05	Ag0D	2.928(2)	C232	C218	1.3900
Ag05	Ag0J	2.931(2)	C218	C503	1.3900
Ag05	Ag0R	2.944(2)	C218	C84	1.54(2)
Ag05	Ag0S	3.239(2)	C503	C478	1.3900
Ag05	Ag0V	2.927(2)	C404	C464	1.3900
Ag06	Ag07	2.764(2)	C404	C584	1.3900
Ag06	Ag0G	2.867(2)	C464	C452	1.3900
Ag06	Ag0J	2.839(2)	C452	C6CA	1.3900
Ag06	Ag0K	2.792(2)	C6CA	C1BA	1.3900
Ag06	Ag0L	2.992(2)	C6CA	C152	1.54(3)
Ag06	Ag0X	2.874(2)	C1BA	C584	1.3900
Ag06	Ag16	2.955(3)	C5BA	C0AA	1.3900
Ag06	Ag1A	3.076(2)	C5BA	C10	1.3900
Ag06	Ag1F	3.009(3)	C0AA	C64	1.3900
Ag06	Ag1R	3.230(3)	C64	C20	1.3900
Ag07	Ag09	3.042(2)	C20	C21	1.3900
Ag07	Ag0F	2.914(2)	C20	C29	1.531(9)
Ag07	Ag0G	2.916(2)	C21	C10	1.3900
Ag07	Ag0J	2.931(2)	C129	C8CA	1.3900
Ag07	Ag0K	3.056(2)	C129	C293	1.3900
Ag07	Ag0L	3.005(2)	C8CA	C3DA	1.3900
Ag07	Ag0X	3.088(2)	C3DA	C417	1.3900
Ag08	Ag09	2.877(2)	C417	C82	1.3900
Ag08	Ag0E	2.930(2)	C417	C	1.528(9)
Ag08	Ag0M	2.750(2)	C82	C293	1.3900
Ag08	Ag0U	2.928(2)	C4DA	C25	1.3900
Ag08	Ag0V	2.907(3)	C4DA	C3EA	1.3900
Ag08	Ag10	2.904(2)	C25	C61	1.3900
Ag08	Ag11	3.334(2)	C61	C9EA	1.3900
Ag08	Ag17	2.897(3)	C9EA	C323	1.3900
Ag09	Ag0B	2.7634(19)	C9EA	C0KA	1.521(9)
Ag09	Ag0E	2.955(2)	C323	C3EA	1.3900
Ag09	Ag0K	2.981(2)	C35	C0FA	1.56(3)
Ag09	Ag0O	2.994(2)	C110	C6EA	1.3900
Ag09	Ag0S	2.975(3)	C110	C166	1.3900

Ag09	Ag0W	2.990(2)	C6EA	C23	1.3900
Ag09	Ag11	3.038(2)	C23	C0FA	1.3900
Ag0A	Ag0E	2.802(2)	C0FA	C329	1.3900
Ag0A	Ag0N	2.823(2)	C329	C166	1.3900
Ag0A	Ag0T	2.927(2)	C1FA	C2FA	1.3900
Ag0A	Ag0U	2.812(2)	C1FA	C145	1.3900
Ag0A	Ag0W	2.799(3)	C2FA	C444	1.3900
Ag0A	Ag12	2.960(2)	C444	C583	1.3900
Ag0A	Ag13	3.122(2)	C583	C305	1.3900
Ag0A	Ag1I	2.992(3)	C583	C263	1.544(10)
Ag0A	Ag1P	3.121(3)	C305	C145	1.3900
Ag0A	Ag1V	3.083(3)	C550	C252	1.3900
Ag0B	Ag0K	2.783(2)	C550	C574	1.3900
Ag0B	Ag0O	2.789(2)	C252	C332	1.3900
Ag0B	Ag0S	2.774(2)	C332	C4FA	1.3900
Ag0B	Ag0W	2.781(3)	C4FA	C134	1.3900
Ag0B	Ag11	2.848(2)	C4FA	C734	1.526(10)
Ag0B	Ag1U	2.950(4)	C134	C574	1.3900
Ag0B	Ag1	2.816(3)	C484	C3CA	1.3900
Ag0B	Ag2	3.255(5)	C484	C4CA	1.3900
Ag0B	Ag2A	2.927(9)	C3CA	C392	1.3900
Ag0B	Ag2B	2.963(8)	C392	C168	1.3900
Ag0C	Ag0F	3.147(2)	C168	C640	1.3900
Ag0C	Ag0H	2.976(3)	C168	C0OA	1.532(9)
Ag0C	S01Z	2.767(6)	C640	C4CA	1.3900
Ag0C	S023	2.501(6)	C1EA	C6FA	1.3900
Ag0C	S024	2.466(6)	C1EA	C2EA	1.3900
Ag0D	Ag0J	2.998(2)	C6FA	C5FA	1.3900
Ag0D	Ag0L	3.167(2)	C5FA	C3FA	1.3900
Ag0D	Ag0R	2.947(2)	C3FA	C536	1.3900
Ag0D	Ag1D	3.081(3)	C3FA	C226	1.64(3)
Ag0D	S01Z	2.626(6)	C536	C2EA	1.3900
Ag0D	S025	2.645(6)	C414	C616	1.3900
Ag0D	S028	2.636(6)	C414	C470	1.3900
Ag0E	Ag0N	2.951(2)	C616	C57	1.3900
Ag0E	Ag0T	2.910(3)	C57	C9AA	1.3900
Ag0E	Ag0U	2.912(2)	C9AA	C529	1.3900
Ag0E	Ag0W	3.267(2)	C9AA	C2LA	1.528(10)
Ag0E	Ag13	2.935(3)	C529	C470	1.3900
Ag0F	Ag0L	3.032(3)	C402	C187	1.3900

Ag0F Ag0Q 3.378(3)	C402 C0BA 1.3900
Ag0F Ag0X 3.186(2)	C187 C438 1.3900
Ag0F S01Z 2.447(6)	C438 C201 1.3900
Ag0F S020 2.402(6)	C201 C200 1.3900
Ag0G Ag0K 2.948(2)	C201 C1HA 1.532(10)
Ag0G Ag0O 2.998(2)	C200 C0BA 1.3900
Ag0G Ag0P 3.105(2)	C7FA C319 1.3900
Ag0G Ag0X 3.147(2)	C7FA C322 1.3900
Ag0G Ag0Z 3.107(2)	C319 C104 1.3900
Ag0G Ag1A 3.101(3)	C104 C2DA 1.3900
Ag0G Ag1R 3.283(3)	C2DA C364 1.3900
Ag0H Ag0Q 3.301(2)	C2DA C8NA 1.522(10)
Ag0H S021 2.826(6)	C364 C322 1.3900
Ag0H S023 2.459(6)	C0EA C160 1.3900
Ag0H S027 2.437(6)	C0EA C195 1.3900
Ag0I Ag0N 3.190(2)	C160 C272 1.3900
Ag0I Ag0P 3.114(3)	C272 C410 1.3900
Ag0I Ag0Q 3.088(2)	C410 C389 1.3900
Ag0I Ag0T 3.056(2)	C410 C0NA 1.541(10)
Ag0I S021 2.747(5)	C389 C195 1.3900
Ag0I S022 2.542(6)	C66 C8FA 1.3900
Ag0I S02D 2.602(7)	C66 C78 1.3900
Ag0J Ag0K 2.909(2)	C8FA C246 1.3900
Ag0J Ag0L 3.231(2)	C246 C244 1.3900
Ag0J Ag0S 2.925(2)	C244 C94 1.3900
Ag0J Ag14 3.031(3)	C244 C895 1.531(10)
Ag0J Ag1D 3.208(3)	C94 C78 1.3900
Ag0J Ag1F 3.236(3)	C189 C222 1.3900
Ag0K Ag0O 2.920(3)	C189 C409 1.3900
Ag0K Ag0S 2.997(2)	C222 C701 1.3900
Ag0K Ag1A 2.955(2)	C701 C317 1.3900
Ag0K Ag1F 2.914(3)	C317 C233 1.3900
Ag0K Ag1U 3.107(3)	C317 C736 1.546(10)
Ag0L Ag0X 2.989(2)	C233 C409 1.3900
Ag0L S01Z 2.745(5)	C9FA C107 1.3900
Ag0L S028 2.640(7)	C9FA C0GA 1.3900
Ag0L S02A 2.583(6)	C107 C1GA 1.3900
Ag0M Ag0U 2.808(3)	C1GA C72 1.3900
Ag0M Ag0V 2.796(3)	C72 C352 1.3900
Ag0M Ag10 3.072(2)	C72 C269 1.526(10)

Ag0M Ag11	2.859(2)	C352 C0GA	1.3900
Ag0M Ag17	3.121(3)	C2GA C34	1.3900
Ag0M Ag1G	3.163(3)	C2GA C262	1.3900
Ag0M Ag1J	3.026(2)	C34 C108	1.3900
Ag0M Ag1N	3.156(3)	C108 C510	1.3900
Ag0M Ag1O	3.002(3)	C510 C617	1.3900
Ag0M Ag1W	3.005(4)	C510 C492	1.535(10)
Ag0N Ag0O	2.895(3)	C617 C262	1.3900
Ag0N Ag0T	2.973(3)	C89 C827	1.3900
Ag0N Ag0W	2.970(2)	C89 C480	1.3900
Ag0N Ag12	3.109(2)	C827 C826	1.3900
Ag0N Ag1E	3.219(3)	C826 C154	1.3900
Ag0O Ag0W	2.977(2)	C154 C957	1.3900
Ag0O Ag0Z	2.942(2)	C154 C670	1.520(10)
Ag0O Ag1E	2.965(3)	C957 C480	1.3900
Ag0P Ag0Q	3.222(2)	C71 C501	1.3900
Ag0P Ag1L	3.207(3)	C71 C507	1.3900
Ag0P S022	2.570(6)	C501 C291	1.3900
Ag0P S029	2.533(6)	C291 C225	1.3900
Ag0Q S020	2.429(6)	C225 C676	1.3900
Ag0Q S021	2.416(6)	C225 C146	1.535(10)
Ag0R Ag10	3.255(3)	C676 C507	1.3900
Ag0R S024	2.546(7)	C4 C42	1.3900
Ag0R S025	2.536(7)	C4 C4GA	1.3900
Ag0R S02B	2.701(6)	C42 C157	1.3900
Ag0S Ag0V	2.956(2)	C157 C3GA	1.3900
Ag0S Ag11	3.026(3)	C3GA C130	1.3900
Ag0S Ag14	2.996(3)	C3GA C5HA	1.541(9)
Ag0S Ag1T	3.083(5)	C130 C4GA	1.3900
Ag0S Ag2	2.861(4)	C5GA C237	1.3900
Ag0T Ag13	2.947(3)	C5GA C330	1.3900
Ag0T Ag1M	3.261(3)	C237 C8GA	1.3900
Ag0T S021	2.671(5)	C8GA C7GA	1.3900
Ag0T S02D	2.598(6)	C7GA C6GA	1.3900
Ag0T S02H	2.640(7)	C7GA C289	1.60(3)
Ag0U Ag0W	2.983(2)	C6GA C330	1.3900
Ag0U Ag11	2.990(3)	C314 C757	1.57(3)
Ag0U Ag13	3.372(3)	C558 C0HA	1.3900
Ag0U Ag17	3.283(3)	C558 C589	1.3900
Ag0U Ag1J	3.278(3)	C0HA C297	1.3900

Ag0U Ag1N 3.247(3)	C297 C41 1.3900
Ag0U Ag1P 3.366(3)	C41 C9GA 1.3900
Ag0V Ag10 3.159(3)	C41 C8PA 1.538(10)
Ag0V Ag11 2.982(2)	C9GA C589 1.3900
Ag0V Ag1G 3.223(3)	C822 C1DA 1.3900
Ag0V Ag1O 3.126(3)	C822 C353 1.3900
Ag0W Ag11 2.998(3)	C1DA C562 1.3900
Ag0W Ag12 2.943(3)	C562 C757 1.3900
Ag0W Ag1V 3.337(4)	C757 C580 1.3900
Ag0W S1 2.858(12)	C580 C353 1.3900
Ag0X Ag1R 3.254(3)	C40 C495 1.3900
Ag0X S029 2.525(6)	C40 C0SA 1.3900
Ag0X S02A 2.643(7)	C495 C8RA 1.3900
Ag0Y Ag15 3.033(3)	C8RA C7PA 1.3900
Ag0Y S022 2.595(5)	C7PA C9RA 1.3900
Ag0Y S02C 2.695(7)	C7PA C7RA 1.533(10)
Ag0Y P02P 2.417(8)	C9RA C0SA 1.3900
Ag0Y S02S 2.622(7)	C155 C4HA 1.546(10)
Ag0Z Ag1A 3.137(3)	C4HA C255 1.540(10)
Ag0Z Ag1E 2.900(3)	C4HA C348 1.541(10)
Ag0Z S02F 2.628(7)	C5HA C67 1.540(10)
Ag0Z S02G 2.674(7)	C5HA C212 1.548(10)
Ag0Z S02I 2.524(7)	C5HA C6HA 1.540(10)
Ag10 Ag17 3.032(3)	C167 C178 1.534(10)
Ag10 Ag1G 3.287(3)	C178 C193 1.541(10)
Ag10 S024 2.587(6)	C178 C381 1.543(10)
Ag10 S02B 2.739(7)	C29 C36 1.550(9)
Ag10 S02R 2.542(7)	C29 C46 1.539(10)
Ag11 Ag1J 3.065(3)	C29 C204 1.544(9)
Ag11 Ag1O 2.968(3)	C6 C209 1.3900
Ag11 S1 2.869(13)	C6 C7HA 1.3900
Ag12 Ag1E 3.375(3)	C209 C3IA 1.3900
Ag12 Ag1V 3.160(3)	C3IA C9HA 1.3900
Ag12 S02J 2.655(7)	C9HA C8HA 1.3900
Ag12 S02N 2.550(7)	C9HA C0IA 1.532(10)
Ag12 S02Q 2.586(9)	C8HA C7HA 1.3900
Ag13 Ag17 3.318(3)	C1IA C0IA 1.539(10)
Ag13 S027 2.533(6)	C0IA C288 1.542(10)
Ag13 S02H 2.508(8)	C0IA C2IA 1.543(10)
Ag13 S02Y 2.676(7)	C30 C4IA 1.541(10)

Ag14	Ag1D	3.081(3)	C4IA	C207	1.545(10)
Ag14	Ag1F	3.284(3)	C4IA	C268	1.529(10)
Ag14	Ag1T	3.130(4)	C5IA	C95	1.539(10)
Ag14	Ag2	3.243(5)	C95	C106	1.533(10)
Ag14	S02E	2.598(7)	C95	C150	1.541(10)
Ag14	S02K	2.679(7)	C2AA	C6IA	1.540(10)
Ag14	S02U	2.756(7)	C2AA	C7IA	1.541(10)
Ag15	Ag1K	2.903(3)	C2AA	C316	1.545(10)
Ag15	Ag1L	3.103(4)	C9IA	C8IA	1.550(10)
Ag15	S02C	2.558(7)	C1JA	C8IA	1.546(10)
Ag15	S02F	2.545(6)	C0JA	C8IA	1.545(10)
Ag15	S02S	2.734(8)	C2JA	C11	1.3900
Ag16	Ag19	3.080(3)	C2JA	C215	1.3900
Ag16	Ag1C	2.935(3)	C11	C3JA	1.3900
Ag16	Ag1R	2.894(4)	C3JA	C4JA	1.3900
Ag16	S02L	2.655(8)	C4JA	C5JA	1.3900
Ag16	S02M	2.603(8)	C4JA	C6JA	1.525(10)
Ag16	S02O	2.584(8)	C5JA	C215	1.3900
Ag17	S027	2.558(7)	C179	C6JA	1.547(10)
Ag17	S02R	2.529(7)	C7JA	C6JA	1.532(10)
Ag17	S02Y	2.755(8)	C6JA	C681	1.552(10)
Ag18	Ag1B	2.980(3)	C8JA	C736	1.550(10)
Ag18	S02B	2.506(7)	C9JA	C736	1.554(10)
Ag18	S02T	2.441(9)	C376	C736	1.564(10)
Ag18	S02W	2.656(7)	C0KA	C144	1.535(9)
Ag19	S02A	2.600(6)	C0KA	C1KA	1.541(10)
Ag19	S02L	2.666(7)	C0KA	C718	1.536(10)
Ag19	S02M	2.629(7)	C132	C152	1.549(10)
Ag19	P030	2.455(8)	C152	C176	1.538(10)
Ag1A	Ag1F	2.984(3)	C152	C325	1.532(10)
Ag1A	Ag1R	3.202(4)	C4KA	C6KA	1.3900
Ag1A	S02G	2.898(7)	C4KA	C5KA	1.3900
Ag1A	S02I	2.531(8)	C6KA	C158	1.3900
Ag1A	S02O	2.555(8)	C158	C7KA	1.3900
Ag1B	Ag1D	2.919(3)	C7KA	C181	1.3900
Ag1B	Ag1H	3.179(3)	C7KA	C415	1.526(10)
Ag1B	S025	2.563(6)	C181	C5KA	1.3900
Ag1B	S02T	2.593(8)	C8KA	C415	1.534(10)
Ag1B	S02Z	2.544(9)	C275	C415	1.540(10)
Ag1C	S028	2.597(6)	C385	C415	1.536(10)

Ag1C S02K 2.528(7)	C269 C9KA 1.542(10)
Ag1C S02M 2.410(7)	C269 C380 1.547(10)
Ag1D S028 2.548(7)	C269 C549 1.543(10)
Ag1D S02K 2.677(6)	C0LA C2LA 1.551(10)
Ag1D S02Z 2.484(8)	C1LA C2LA 1.548(10)
Ag1E Ag1K 3.252(4)	C2LA C735 1.541(10)
Ag1E S02F 2.595(8)	C214 C226 1.548(10)
Ag1E S02J 2.766(8)	C226 C331 1.546(10)
Ag1E S02Q 2.491(7)	C226 C717 1.548(10)
Ag1F S02K 2.622(7)	C5LA C304 1.559(10)
Ag1F S02O 2.585(7)	C5LA C358 1.555(10)
Ag1F S02U 2.526(8)	C5LA C382 1.555(10)
Ag1G Ag1O 3.229(3)	C6LA C16 1.548(10)
Ag1G Ag1W 3.005(5)	C6LA C7LA 1.549(10)
Ag1G S02B 2.519(6)	C6LA C8LA 1.550(10)
Ag1G S02W 2.654(9)	C0MA C74 1.547(10)
Ag1G S035 2.435(13)	C1MA C74 1.547(10)
Ag1H S02E 2.580(7)	C9LA C74 1.543(10)
Ag1H S02T 2.692(8)	C3MA C2KA 1.557(10)
Ag1H S02Z 2.609(8)	C3KA C2KA 1.546(10)
Ag1H P034 2.377(15)	C2MA C2KA 1.549(10)
Ag1I Ag1M 2.935(3)	C53 C4MA 1.541(9)
Ag1I Ag1P 2.993(4)	C4MA C211 1.537(9)
Ag1I Ag1Q 3.078(3)	C4MA C282 1.544(9)
Ag1I S02H 2.585(7)	C C6MA 1.533(9)
Ag1I S02X 2.608(8)	C C7MA 1.544(9)
Ag1I S032 2.635(9)	C C5MA 1.536(9)
Ag1J Ag1N 3.179(4)	C9MA C84 1.546(10)
Ag1J Ag1O 3.074(4)	C55 C84 1.538(10)
Ag1J S02V 2.491(7)	C84 C8MA 1.546(10)
Ag1J S031 2.631(13)	C278 C0NA 1.548(10)
Ag1J S1 2.466(13)	C343 C0NA 1.549(10)
Ag1K S02D 2.860(7)	C1NA C0NA 1.539(10)
Ag1K S02J 2.455(7)	C2NA C4NA 1.3900
Ag1K S02S 2.399(7)	C2NA C5NA 1.3900
Ag1L S029 2.615(6)	C4NA C6NA 1.3900
Ag1L S02C 2.383(7)	C6NA C3NA 1.3900
Ag1L S02G 2.476(7)	C3NA C122 1.3900
Ag1M S02D 2.481(6)	C3NA C173 1.532(10)
Ag1M S02J 2.599(8)	C122 C5NA 1.3900

Ag1M S02X	2.410(8)	C173 C7NA	1.550(10)
Ag1N Ag1W	3.067(4)	C173 C473	1.555(10)
Ag1N S02Y	2.535(8)	C173 C559	1.549(10)
Ag1N S031	2.614(14)	C8NA C9NA	1.527(9)
Ag1N S03B	2.404(14)	C8NA C266	1.534(10)
Ag1O S02V	2.604(8)	C8NA C276	1.546(10)
Ag1O S02W	2.594(8)	C0OA C138	1.563(10)
Ag1O S036	2.694(16)	C0OA C257	1.533(10)
Ag1P Ag1V	3.204(4)	C0OA C553	1.544(10)
Ag1P S02Y	2.521(7)	C0OA C5	1.511(19)
Ag1P S031	2.717(13)	C0OA C2	1.538(19)
Ag1P S032	2.481(9)	C0OA C1	1.60(2)
Ag1Q S02N	2.567(9)	C3OA C1OA	1.543(9)
Ag1Q S02X	2.587(9)	C1OA C99	1.559(9)
Ag1Q S032	2.730(10)	C1OA C2OA	1.537(9)
Ag1Q P038	2.444(8)	C1HA C33	1.543(10)
Ag1R S029	2.946(7)	C1HA C205	1.548(10)
Ag1R S02G	2.387(7)	C1HA C219	1.540(10)
Ag1R S02L	2.450(8)	C50 C671	1.3900
Ag1S Ag1W	3.151(4)	C50 C192	1.3900
Ag1S S02V	2.573(8)	C671 C4LA	1.3900
Ag1S S035	2.617(13)	C4LA C47	1.3900
Ag1S S03B	2.698(15)	C47 C3LA	1.3900
Ag1S P03G	2.41(2)	C47 C7OA	1.542(10)
Ag1T Ag2	3.281(6)	C3LA C192	1.3900
Ag1T S02E	2.494(8)	C7OA C137	1.537(10)
Ag1T S02W	2.670(10)	C7OA C3QA	1.559(10)
Ag1T S036	2.594(15)	C7OA C229	1.549(10)
Ag1U Ag1	2.877(5)	C9OA C400	1.3900
Ag1U Ag2	3.014(5)	C9OA C8OA	1.3900
Ag1U S02I	2.483(7)	C400 C0PA	1.3900
Ag1U S02U	2.497(8)	C0PA C416	1.3900
Ag1U S36	2.722(16)	C416 C547	1.3900
Ag1U Ag2A	2.537(17)	C416 C943	1.543(9)
Ag1V S02N	2.469(8)	C547 C8OA	1.3900
Ag1V S031	2.602(13)	C97 C1PA	1.3900
Ag1V S1	2.417(13)	C97 C142	1.3900
Ag1W S02R	2.559(8)	C1PA C538	1.3900
Ag1W S035	2.555(12)	C538 C2PA	1.3900
Ag1W S03B	2.516(15)	C2PA C3PA	1.3900

Ag1	S02Q	2.439(9)	C2PA	C542	1.527(10)
Ag1	S36	2.391(15)	C3PA	C142	1.3900
Ag1	Ag2A	3.079(12)	C4PA	C171	1.3900
Ag1	Ag2B	2.671(12)	C4PA	C359	1.3900
Ag2	S02U	2.199(10)	C171	C199	1.3900
Ag2	S036	2.461(16)	C199	C235	1.3900
S01Z	C32	1.825(13)	C235	C797	1.3900
S020	C3AA	1.832(12)	C235	C458	1.531(10)
S021	C12	1.765(12)	C797	C359	1.3900
S022	C22	1.794(12)	C6PA	C112	1.541(10)
S023	C37	1.794(12)	C6PA	C5PA	1.538(10)
S024	C9	1.761(12)	C6PA	C230	1.543(10)
S025	C5BA	1.782(10)	C1QA	C9PA	1.537(10)
S027	C15	1.751(13)	C228	C9PA	1.534(10)
S028	C4DA	1.791(14)	C9PA	C0QA	1.557(10)
S029	C75	1.748(14)	C6QA	C9QA	1.3900
S02A	C129	1.780(13)	C6QA	C8QA	1.3900
S02B	C7EA	1.795(9)	C9QA	C1RA	1.3900
S02C	C484	1.784(9)	C1RA	C2RA	1.3900
S02D	C0CA	1.796(9)	C2RA	C0RA	1.3900
S02E	C2NA	1.77(2)	C2RA	C3RA	1.537(10)
S02F	C4	1.799(13)	C0RA	C8QA	1.3900
S02G	C6	1.777(15)	C87	C895	1.550(10)
S02H	C404	1.836(14)	C93	C895	1.555(10)
S02I	C402	1.806(17)	C4RA	C895	1.544(10)
S02J	C9FA	1.70(2)	C6RA	C7RA	1.553(10)
S02K	C2JA	1.750(18)	C170	C7RA	1.552(10)
S02L	C2BA	1.785(9)	C5RA	C7RA	1.550(10)
S02M	C1EA	1.779(17)	C4OA	C825	1.3900
S02N	C7FA	1.782(17)	C4OA	C685	1.3900
S02O	C7DA	1.766(18)	C825	C182	1.3900
P02P	C5GA	1.784(17)	C182	C7SA	1.3900
P02P	C558	1.85(2)	C7SA	C386	1.3900
P02P	C822	1.771(15)	C7SA	C440	1.536(10)
S02Q	C4KA	1.813(9)	C386	C685	1.3900
S02R	C40	1.825(9)	C287	C6OA	1.3900
S02S	C85	1.794(9)	C287	C874	1.3900
S02T	C414	1.78(2)	C6OA	C290	1.3900
S02U	C0EA	1.774(19)	C290	C162	1.3900
S02V	C50	1.794(9)	C162	C638	1.3900

S02W	C9OA	1.759(9)	C162	C622	1.536(10)
S02X	C88	1.808(9)	C638	C874	1.3900
S02Y	C4EA	1.795(16)	C5OA	C686	1.3900
S02Z	C189	1.66(2)	C5OA	C5QA	1.3900
P030	C110	1.781(14)	C686	C866	1.3900
P030	C1FA	1.802(16)	C866	C7QA	1.3900
P030	C550	1.763(15)	C7QA	C712	1.3900
S031	C105	1.835(9)	C7QA	C613	1.531(10)
S032	C66	1.67(2)	C712	C5QA	1.3900
P034	C4PA	1.812(10)	C140	C260	1.3900
P034	C6QA	1.76(3)	C140	C4SA	1.3900
P034	C140	1.799(9)	C260	C449	1.3900
S035	C0TA	1.825(9)	C449	C543	1.3900
S036	C97	1.791(9)	C543	C5SA	1.3900
P038	C2GA	1.816(10)	C543	C6SA	1.534(10)
P038	C89	1.74(2)	C5SA	C4SA	1.3900
P038	C71	1.838(10)	C2QA	C542	1.555(10)
S03B	C5CA	1.78(2)	C301	C542	1.547(10)
P03G	C4OA	1.801(10)	C542	C4QA	1.544(10)
P03G	C287	1.850(10)	C105	C8SA	1.3900
P03G	C5OA	1.803(10)	C105	C302	1.3900
C9	C13	1.3900	C8SA	C499	1.3900
C9	C19	1.3900	C499	C208	1.3900
C13	C43	1.3900	C208	C517	1.3900
C43	C63	1.3900	C208	C476	1.506(9)
C63	C326	1.3900	C517	C302	1.3900
C63	C95	1.59(2)	C476	C425	1.495(9)
C326	C19	1.3900	C476	C506	1.528(9)
C12	C54	1.3900	C476	C920	1.579(10)
C12	C62	1.3900	C133	C943	1.545(10)
C54	C14	1.3900	C9SA	C943	1.548(10)
C14	C56	1.3900	C313	C943	1.554(10)
C56	C534	1.3900	C0TA	C153	1.3900
C56	C74	1.64(2)	C0TA	C430	1.3900
C534	C62	1.3900	C153	C216	1.3900
C15	C31	1.3900	C216	C217	1.3900
C15	C98	1.3900	C217	C198	1.3900
C31	C165	1.3900	C217	C1TA	1.540(9)
C165	C8DA	1.3900	C198	C430	1.3900
C8DA	C9DA	1.3900	C1TA	C183	1.544(10)

C8DA C2KA 1.57(2)	C1TA C502 1.549(9)
C9DA C98 1.3900	C1TA C833 1.560(10)
C22 C65 1.3900	S36 C2TA 1.810(9)
C22 C247 1.3900	S36 Ag2A 1.662(16)
C65 C26 1.3900	S36 Ag2B 2.204(19)
C26 C18 1.3900	C2TA C3TA 1.3900
C18 C7CA 1.3900	C2TA C642 1.3900
C18 C6LA 1.562(19)	C3TA C4TA 1.3900
C7CA C247 1.3900	C4TA C5TA 1.3900
C32 C8 1.3900	C5TA C725 1.3900
C32 C1AA 1.3900	C5TA C674 1.547(10)
C8 C58 1.3900	C725 C642 1.3900
C58 C59 1.3900	C8TA C674 1.560(10)
C59 C27 1.3900	C7TA C674 1.562(10)
C59 C2AA 1.54(2)	C6TA C674 1.555(10)
C27 C1AA 1.3900	C271 C2UA 1.3900
C37 C79 1.3900	C271 C9TA 1.3900
C37 C8AA 1.3900	C271 S1 1.765(9)
C79 C6AA 1.3900	C271 Ag2B 2.310(19)
C6AA C8EA 1.3900	C2UA C1UA 1.3900
C8EA C7AA 1.3900	C2UA Ag2B 2.61(2)
C8EA C8IA 1.56(2)	C1UA C3UA 1.3900
C7AA C8AA 1.3900	C3UA C0UA 1.3900
C85 C427 1.3900	C3UA C601 1.554(9)
C85 C456 1.3900	C0UA C9TA 1.3900
C427 C371 1.3900	C9TA Ag2B 2.62(3)
C371 C159 1.3900	C601 C123 1.558(10)
C159 C234 1.3900	C601 C177 1.566(10)
C159 C5LA 1.552(10)	C601 C4UA 1.569(10)
C234 C456 1.3900	C5CA C1SA 1.3900
C88 C411 1.3900	C5CA C419 1.3900
C88 C327 1.3900	C1SA C143 1.3900
C411 C3HA 1.3900	C143 C901 1.3900
C3HA C2HA 1.3900	C901 C500 1.3900
C2HA C39 1.3900	C901 C156 1.542(10)
C2HA C9PA 1.517(9)	C500 C419 1.3900
C39 C327 1.3900	C156 C514 1.541(10)
C2BA C45 1.3900	C156 C652 1.550(10)
C2BA C4BA 1.3900	C156 C2SA 1.557(10)

Table S8. Bond Angles for Ag₇₀-TPTP.

Atom	Atom	Atom	Angle/°	Atom	Atom	Atom	Angle/°
Ag04	Ag01	Ag05	118.95(6)	S02W	Ag18	Ag02	93.3(2)
Ag04	Ag01	Ag08	117.07(6)	S02W	Ag18	Ag1B	133.0(2)
Ag04	Ag01	Ag09	65.55(5)	S02A	Ag19	Ag16	82.50(15)
Ag04	Ag01	Ag0C	145.22(7)	S02A	Ag19	S02L	99.1(2)
Ag04	Ag01	Ag0E	63.97(5)	S02A	Ag19	S02M	95.8(2)
Ag04	Ag01	Ag0F	89.31(5)	S02L	Ag19	Ag16	54.47(17)
Ag04	Ag01	Ag0H	108.31(7)	S02M	Ag19	Ag16	53.54(17)
Ag04	Ag01	Ag0Q	56.29(5)	S02M	Ag19	S02L	102.8(2)
Ag05	Ag01	Ag09	64.47(5)	P030	Ag19	Ag16	152.9(2)
Ag05	Ag01	Ag0C	78.64(6)	P030	Ag19	S02A	124.1(3)
Ag05	Ag01	Ag0E	117.66(6)	P030	Ag19	S02L	110.4(3)
Ag05	Ag01	Ag0F	88.86(6)	P030	Ag19	S02M	120.7(3)
Ag05	Ag01	Ag0H	132.74(6)	Ag06	Ag1A	Ag0G	55.30(5)
Ag05	Ag01	Ag0Q	147.67(6)	Ag06	Ag1A	Ag0Z	114.96(8)
Ag07	Ag01	Ag04	64.46(5)	Ag06	Ag1A	Ag1R	61.88(7)
Ag07	Ag01	Ag05	64.79(6)	Ag0G	Ag1A	Ag0Z	59.74(6)
Ag07	Ag01	Ag08	117.73(7)	Ag0G	Ag1A	Ag1R	62.75(7)
Ag07	Ag01	Ag09	66.19(5)	Ag0K	Ag1A	Ag06	55.10(5)
Ag07	Ag01	Ag0C	103.89(6)	Ag0K	Ag1A	Ag0G	58.19(6)
Ag07	Ag01	Ag0E	118.45(6)	Ag0K	Ag1A	Ag0Z	88.72(8)
Ag07	Ag01	Ag0F	55.74(5)	Ag0K	Ag1A	Ag1F	58.76(7)
Ag07	Ag01	Ag0H	145.13(7)	Ag0K	Ag1A	Ag1R	109.89(8)
Ag07	Ag01	Ag0Q	88.03(5)	Ag0Z	Ag1A	Ag1R	92.06(8)
Ag08	Ag01	Ag05	63.43(6)	Ag1F	Ag1A	Ag06	59.52(6)
Ag08	Ag01	Ag09	61.86(5)	Ag1F	Ag1A	Ag0G	106.43(7)
Ag08	Ag01	Ag0C	97.50(6)	Ag1F	Ag1A	Ag0Z	144.67(10)
Ag08	Ag01	Ag0E	63.21(6)	Ag1F	Ag1A	Ag1R	110.78(9)
Ag08	Ag01	Ag0F	148.13(7)	S02G	Ag1A	Ag06	100.79(14)
Ag08	Ag01	Ag0H	96.25(6)	S02G	Ag1A	Ag0G	65.63(13)
Ag08	Ag01	Ag0Q	148.89(7)	S02G	Ag1A	Ag0K	122.78(15)
Ag09	Ag01	Ag0C	142.69(7)	S02G	Ag1A	Ag0Z	52.42(16)
Ag09	Ag01	Ag0F	121.92(6)	S02G	Ag1A	Ag1F	156.51(17)
Ag09	Ag01	Ag0H	144.94(7)	S02G	Ag1A	Ag1R	45.73(15)
Ag09	Ag01	Ag0Q	121.84(6)	S02I	Ag1A	Ag06	140.51(17)
Ag0C	Ag01	Ag0F	59.64(5)	S02I	Ag1A	Ag0G	101.40(17)
Ag0C	Ag01	Ag0H	61.37(5)	S02I	Ag1A	Ag0K	85.88(16)
Ag0C	Ag01	Ag0Q	92.26(5)	S02I	Ag1A	Ag0Z	51.54(16)
Ag0E	Ag01	Ag09	63.47(6)	S02I	Ag1A	Ag1F	107.98(17)

Ag0E Ag01 Ag0C 137.65(7)	S02I Ag1A Ag1R 140.90(18)
Ag0E Ag01 Ag0F 148.65(7)	S02I Ag1A S02G 95.4(2)
Ag0E Ag01 Ag0H 82.55(6)	S02I Ag1A S02O 131.5(2)
Ag0E Ag01 Ag0Q 89.97(6)	S02O Ag1A Ag06 75.16(16)
Ag0H Ag01 Ag0F 91.43(5)	S02O Ag1A Ag0G 126.39(17)
Ag0H Ag01 Ag0Q 62.98(5)	S02O Ag1A Ag0K 110.62(16)
Ag0Q Ag01 Ag0F 60.32(5)	S02O Ag1A Ag0Z 160.15(17)
Ag05 Ag02 Ag0D 61.00(5)	S02O Ag1A Ag1F 55.00(16)
Ag05 Ag02 Ag0J 62.43(6)	S02O Ag1A Ag1R 77.50(18)
Ag05 Ag02 Ag0R 59.59(5)	S02O Ag1A S02G 110.3(2)
Ag05 Ag02 Ag0V 62.66(6)	Ag02 Ag1B Ag1H 106.47(8)
Ag05 Ag02 Ag14 119.39(7)	Ag18 Ag1B Ag02 65.80(7)
Ag05 Ag02 Ag18 117.80(7)	Ag18 Ag1B Ag1H 92.11(9)
Ag05 Ag02 Ag1B 135.20(7)	Ag1D Ag1B Ag02 63.32(7)
Ag05 Ag02 Ag1D 113.78(7)	Ag1D Ag1B Ag18 128.58(10)
Ag05 Ag02 Ag1T 124.79(10)	Ag1D Ag1B Ag1H 95.15(8)
Ag0D Ag02 Ag0R 58.30(5)	S025 Ag1B Ag02 79.65(14)
Ag0D Ag02 Ag14 111.36(7)	S025 Ag1B Ag18 88.71(16)
Ag0D Ag02 Ag18 113.28(6)	S025 Ag1B Ag1D 89.28(14)
Ag0D Ag02 Ag1B 80.42(6)	S025 Ag1B Ag1H 173.60(15)
Ag0D Ag02 Ag1D 60.70(6)	S025 Ag1B S02T 122.1(2)
Ag0D Ag02 Ag1T 172.71(10)	S02T Ag1B Ag02 109.8(2)
Ag0J Ag02 Ag0D 62.25(5)	S02T Ag1B Ag18 51.4(2)
Ag0J Ag02 Ag0R 110.61(7)	S02T Ag1B Ag1D 147.17(19)
Ag0J Ag02 Ag14 62.81(6)	S02T Ag1B Ag1H 54.47(19)
Ag0J Ag02 Ag18 175.12(7)	S02Z Ag1B Ag02 106.85(19)
Ag0J Ag02 Ag1B 120.02(8)	S02Z Ag1B Ag18 142.09(19)
Ag0J Ag02 Ag1D 64.63(6)	S02Z Ag1B Ag1D 53.56(19)
Ag0J Ag02 Ag1T 115.26(10)	S02Z Ag1B Ag1H 52.84(19)
Ag0R Ag02 Ag18 66.84(6)	S02Z Ag1B S025 127.8(2)
Ag0R Ag02 Ag1D 109.43(7)	S02Z Ag1B S02T 104.6(3)
Ag0S Ag02 Ag05 70.63(6)	S028 Ag1C Ag16 131.75(17)
Ag0S Ag02 Ag0D 118.29(7)	S02K Ag1C Ag16 113.24(18)
Ag0S Ag02 Ag0J 62.53(6)	S02K Ag1C S028 91.8(2)
Ag0S Ag02 Ag0R 123.18(8)	S02M Ag1C Ag16 57.26(18)
Ag0S Ag02 Ag0V 63.60(6)	S02M Ag1C S028 120.0(2)
Ag0S Ag02 Ag14 62.61(6)	S02M Ag1C S02K 145.2(2)
Ag0S Ag02 Ag18 122.33(7)	Ag02 Ag1D Ag0J 53.26(6)
Ag0S Ag02 Ag1B 153.75(8)	Ag0D Ag1D Ag02 56.67(6)
Ag0S Ag02 Ag1D 114.60(7)	Ag0D Ag1D Ag0J 56.90(6)

Ag0S	Ag02	Ag1T	63.30(10)	Ag14	Ag1D	Ag02	57.00(6)
Ag0V	Ag02	Ag0D	116.81(7)	Ag14	Ag1D	Ag0D	105.01(9)
Ag0V	Ag02	Ag0J	111.87(7)	Ag14	Ag1D	Ag0J	57.58(6)
Ag0V	Ag02	Ag0R	70.12(6)	Ag1B	Ag1D	Ag02	60.44(7)
Ag0V	Ag02	Ag14	119.63(7)	Ag1B	Ag1D	Ag0D	80.49(7)
Ag0V	Ag02	Ag18	71.54(6)	Ag1B	Ag1D	Ag0J	112.95(9)
Ag0V	Ag02	Ag1B	126.91(7)	Ag1B	Ag1D	Ag14	94.75(9)
Ag0V	Ag02	Ag1D	176.24(8)	S028	Ag1D	Ag02	107.60(16)
Ag0V	Ag02	Ag1T	70.43(8)	S028	Ag1D	Ag0D	54.85(15)
Ag14	Ag02	Ag0R	169.33(8)	S028	Ag1D	Ag0J	71.76(15)
Ag14	Ag02	Ag18	119.00(7)	S028	Ag1D	Ag14	125.60(16)
Ag14	Ag02	Ag1B	94.33(7)	S028	Ag1D	Ag1B	124.06(15)
Ag14	Ag02	Ag1D	60.53(7)	S028	Ag1D	S02K	89.5(2)
Ag14	Ag02	Ag1T	62.47(8)	S02K	Ag1D	Ag02	105.51(17)
Ag1B	Ag02	Ag0R	81.72(6)	S02K	Ag1D	Ag0D	119.88(17)
Ag1B	Ag02	Ag18	56.01(6)	S02K	Ag1D	Ag0J	67.18(17)
Ag1B	Ag02	Ag1D	56.24(6)	S02K	Ag1D	Ag14	54.92(16)
Ag1B	Ag02	Ag1T	95.85(10)	S02K	Ag1D	Ag1B	145.58(17)
Ag1D	Ag02	Ag18	111.86(7)	S02Z	Ag1D	Ag02	106.0(2)
Ag1T	Ag02	Ag0R	127.62(9)	S02Z	Ag1D	Ag0D	132.9(2)
Ag1T	Ag02	Ag18	68.91(9)	S02Z	Ag1D	Ag0J	151.4(2)
Ag1T	Ag02	Ag1D	112.02(9)	S02Z	Ag1D	Ag14	95.35(19)
Ag04	Ag03	Ag0G	62.68(6)	S02Z	Ag1D	Ag1B	55.5(2)
Ag04	Ag03	Ag0I	62.58(6)	S02Z	Ag1D	S028	136.9(2)
Ag04	Ag03	Ag0N	63.52(5)	S02Z	Ag1D	S02K	106.7(2)
Ag04	Ag03	Ag0O	67.05(5)	Ag03	Ag1E	Ag0N	53.88(5)
Ag04	Ag03	Ag0P	67.74(6)	Ag03	Ag1E	Ag12	110.09(8)
Ag04	Ag03	Ag0Z	117.68(7)	Ag03	Ag1E	Ag1K	59.29(6)
Ag04	Ag03	Ag15	152.77(7)	Ag0N	Ag1E	Ag12	56.21(6)
Ag04	Ag03	Ag1E	119.80(7)	Ag0N	Ag1E	Ag1K	64.58(7)
Ag04	Ag03	Ag1K	123.51(8)	Ag0O	Ag1E	Ag03	56.21(5)
Ag0G	Ag03	Ag0I	115.78(6)	Ag0O	Ag1E	Ag0N	55.65(6)
Ag0G	Ag03	Ag0Z	64.59(6)	Ag0O	Ag1E	Ag12	85.35(7)
Ag0G	Ag03	Ag15	118.54(8)	Ag0O	Ag1E	Ag1K	109.07(8)
Ag0G	Ag03	Ag1E	113.22(8)	Ag0Z	Ag1E	Ag03	59.59(6)
Ag0G	Ag03	Ag1K	173.78(8)	Ag0Z	Ag1E	Ag0N	104.46(7)
Ag0I	Ag03	Ag15	97.06(7)	Ag0Z	Ag1E	Ag0O	60.20(6)
Ag0I	Ag03	Ag1E	121.61(8)	Ag0Z	Ag1E	Ag12	144.39(9)
Ag0I	Ag03	Ag1K	69.70(7)	Ag0Z	Ag1E	Ag1K	107.39(8)
Ag0N	Ag03	Ag0G	113.57(7)	Ag1K	Ag1E	Ag12	91.34(9)

Ag0N Ag03 Ag0I	66.15(6)	S02F Ag1E Ag03	76.52(14)
Ag0N Ag03 Ag0P	121.78(7)	S02F Ag1E Ag0N	126.55(15)
Ag0N Ag03 Ag0Z	113.68(7)	S02F Ag1E Ag0O	114.09(18)
Ag0N Ag03 Ag15	127.25(8)	S02F Ag1E Ag0Z	56.82(18)
Ag0N Ag03 Ag1E	66.52(7)	S02F Ag1E Ag12	158.6(2)
Ag0N Ag03 Ag1K	70.92(7)	S02F Ag1E Ag1K	74.28(17)
Ag0O Ag03 Ag0G	63.57(6)	S02F Ag1E S02J	109.7(2)
Ag0O Ag03 Ag0I	118.78(7)	S02J Ag1E Ag03	97.53(15)
Ag0O Ag03 Ag0N	61.55(6)	S02J Ag1E Ag0N	64.27(14)
Ag0O Ag03 Ag0P	123.06(7)	S02J Ag1E Ag0O	118.75(16)
Ag0O Ag03 Ag0Z	61.26(6)	S02J Ag1E Ag0Z	154.42(15)
Ag0O Ag03 Ag15	139.71(7)	S02J Ag1E Ag12	50.04(15)
Ag0O Ag03 Ag1E	60.79(6)	S02J Ag1E Ag1K	47.29(14)
Ag0O Ag03 Ag1K	117.14(7)	S02Q Ag1E Ag03	137.02(18)
Ag0P Ag03 Ag0G	65.89(6)	S02Q Ag1E Ag0N	95.03(18)
Ag0P Ag03 Ag0I	64.30(6)	S02Q Ag1E Ag0O	82.41(18)
Ag0P Ag03 Ag0Z	116.02(8)	S02Q Ag1E Ag0Z	112.0(2)
Ag0P Ag03 Ag15	87.57(6)	S02Q Ag1E Ag12	49.5(2)
Ag0P Ag03 Ag1E	171.59(8)	S02Q Ag1E Ag1K	139.1(2)
Ag0P Ag03 Ag1K	116.00(8)	S02Q Ag1E S02F	138.0(2)
Ag0Z Ag03 Ag0I	179.63(9)	S02Q Ag1E S02J	92.4(3)
Ag0Z Ag03 Ag15	82.78(6)	Ag06 Ag1F Ag0J	53.94(5)
Ag0Z Ag03 Ag1E	58.06(7)	Ag06 Ag1F Ag14	109.18(8)
Ag0Z Ag03 Ag1K	109.94(7)	Ag0J Ag1F Ag14	55.39(6)
Ag15 Ag03 Ag1E	85.73(6)	Ag0K Ag1F Ag06	56.21(6)
Ag15 Ag03 Ag1K	56.52(7)	Ag0K Ag1F Ag0J	56.17(6)
Ag1E Ag03 Ag1K	63.97(7)	Ag0K Ag1F Ag14	88.32(8)
Ag01 Ag04 Ag07	57.69(5)	Ag0K Ag1F Ag1A	60.13(7)
Ag01 Ag04 Ag09	58.02(5)	Ag1A Ag1F Ag06	61.77(6)
Ag01 Ag04 Ag0E	58.73(5)	Ag1A Ag1F Ag0J	106.12(8)
Ag01 Ag04 Ag0G	117.17(7)	Ag1A Ag1F Ag14	147.37(10)
Ag01 Ag04 Ag0I	121.79(7)	S02K Ag1F Ag06	95.67(16)
Ag01 Ag04 Ag0N	118.41(7)	S02K Ag1F Ag0J	67.29(15)
Ag01 Ag04 Ag0O	116.79(7)	S02K Ag1F Ag0K	123.17(16)
Ag01 Ag04 Ag0P	126.80(6)	S02K Ag1F Ag14	52.51(16)
Ag01 Ag04 Ag0Q	72.13(5)	S02K Ag1F Ag1A	151.83(18)
Ag03 Ag04 Ag01	174.39(8)	S02O Ag1F Ag06	75.96(16)
Ag03 Ag04 Ag07	120.17(7)	S02O Ag1F Ag0J	127.17(17)
Ag03 Ag04 Ag09	116.39(6)	S02O Ag1F Ag0K	111.00(18)
Ag03 Ag04 Ag0E	119.76(7)	S02O Ag1F Ag14	158.3(2)

Ag03 Ag04 Ag0G 60.62(6)	S02O Ag1F Ag1A 54.04(18)
Ag03 Ag04 Ag0I 62.85(6)	S02O Ag1F S02K 106.6(2)
Ag03 Ag04 Ag0N 59.64(5)	S02U Ag1F Ag06 142.2(2)
Ag03 Ag04 Ag0O 57.61(5)	S02U Ag1F Ag0J 99.37(18)
Ag03 Ag04 Ag0P 57.53(5)	S02U Ag1F Ag0K 87.3(2)
Ag03 Ag04 Ag0Q 113.45(7)	S02U Ag1F Ag14 54.77(16)
Ag07 Ag04 Ag09 61.34(5)	S02U Ag1F Ag1A 111.2(2)
Ag07 Ag04 Ag0E 108.39(7)	S02U Ag1F S02K 96.9(2)
Ag07 Ag04 Ag0I 151.20(7)	S02U Ag1F S02O 132.9(2)
Ag07 Ag04 Ag0O 90.29(6)	Ag0M Ag1G Ag0V 51.92(6)
Ag07 Ag04 Ag0P 95.11(6)	Ag0M Ag1G Ag10 56.85(6)
Ag09 Ag04 Ag0O 58.81(5)	Ag0M Ag1G Ag1O 56.02(7)
Ag09 Ag04 Ag0P 150.18(8)	Ag0V Ag1G Ag10 58.05(6)
Ag0E Ag04 Ag09 59.35(6)	Ag0V Ag1G Ag1O 57.96(6)
Ag0E Ag04 Ag0I 90.71(7)	Ag1O Ag1G Ag10 105.87(8)
Ag0E Ag04 Ag0O 90.91(6)	Ag1W Ag1G Ag0M 58.25(8)
Ag0E Ag04 Ag0P 150.47(8)	Ag1W Ag1G Ag0V 109.20(10)
Ag0G Ag04 Ag07 59.58(5)	Ag1W Ag1G Ag10 76.56(9)
Ag0G Ag04 Ag09 89.34(6)	Ag1W Ag1G Ag1O 92.74(11)
Ag0G Ag04 Ag0E 146.31(7)	S02B Ag1G Ag0M 106.47(16)
Ag0G Ag04 Ag0I 114.30(7)	S02B Ag1G Ag0V 71.82(14)
Ag0G Ag04 Ag0N 108.89(6)	S02B Ag1G Ag10 54.36(16)
Ag0G Ag04 Ag0O 59.86(5)	S02B Ag1G Ag1O 126.52(16)
Ag0G Ag04 Ag0P 61.76(6)	S02B Ag1G Ag1W 121.88(19)
Ag0G Ag04 Ag0Q 115.05(7)	S02B Ag1G S02W 95.9(2)
Ag0I Ag04 Ag09 146.26(7)	S02W Ag1G Ag0M 102.12(19)
Ag0I Ag04 Ag0O 111.29(6)	S02W Ag1G Ag0V 68.65(19)
Ag0I Ag04 Ag0P 61.19(6)	S02W Ag1G Ag10 124.25(19)
Ag0N Ag04 Ag07 143.30(7)	S02W Ag1G Ag1O 51.18(17)
Ag0N Ag04 Ag09 85.26(6)	S02W Ag1G Ag1W 140.26(19)
Ag0N Ag04 Ag0E 60.14(5)	S035 Ag1G Ag0M 105.5(3)
Ag0N Ag04 Ag0I 64.98(6)	S035 Ag1G Ag0V 153.0(3)
Ag0N Ag04 Ag0O 57.44(6)	S035 Ag1G Ag10 126.3(3)
Ag0N Ag04 Ag0P 109.87(6)	S035 Ag1G Ag1O 98.5(3)
Ag0O Ag04 Ag0P 106.97(6)	S035 Ag1G Ag1W 54.8(3)
Ag0Q Ag04 Ag07 93.19(6)	S035 Ag1G S02B 134.2(3)
Ag0Q Ag04 Ag09 130.15(6)	S035 Ag1G S02W 108.5(3)
Ag0Q Ag04 Ag0E 96.04(6)	S02E Ag1H Ag1B 85.90(15)
Ag0Q Ag04 Ag0I 62.76(6)	S02E Ag1H S02T 101.8(3)
Ag0Q Ag04 Ag0N 121.49(8)	S02E Ag1H S02Z 89.9(2)

Ag0Q	Ag04	Ag0O	170.81(7)	S02T	Ag1H	Ag1B	51.62(17)
Ag0Q	Ag04	Ag0P	64.26(5)	S02Z	Ag1H	Ag1B	51.00(19)
Ag01	Ag05	Ag02	169.39(7)	S02Z	Ag1H	S02T	100.1(3)
Ag01	Ag05	Ag07	57.12(5)	P034	Ag1H	Ag1B	150.6(4)
Ag01	Ag05	Ag08	58.23(5)	P034	Ag1H	S02E	123.5(4)
Ag01	Ag05	Ag09	58.15(5)	P034	Ag1H	S02T	114.1(4)
Ag01	Ag05	Ag0D	125.93(7)	P034	Ag1H	S02Z	122.5(4)
Ag01	Ag05	Ag0J	116.16(7)	Ag0A	Ag1I	Ag1P	62.86(8)
Ag01	Ag05	Ag0R	124.30(7)	Ag0A	Ag1I	Ag1Q	109.49(10)
Ag01	Ag05	Ag0S	114.99(6)	Ag1M	Ag1I	Ag0A	75.17(9)
Ag01	Ag05	Ag0V	117.14(7)	Ag1M	Ag1I	Ag1P	137.80(12)
Ag02	Ag05	Ag07	118.81(7)	Ag1M	Ag1I	Ag1Q	92.70(9)
Ag02	Ag05	Ag08	118.26(7)	Ag1P	Ag1I	Ag1Q	96.92(10)
Ag02	Ag05	Ag09	111.25(6)	S02H	Ag1I	Ag0A	81.04(18)
Ag02	Ag05	Ag0D	61.88(6)	S02H	Ag1I	Ag1M	90.27(17)
Ag02	Ag05	Ag0J	59.35(6)	S02H	Ag1I	Ag1P	87.60(19)
Ag02	Ag05	Ag0R	64.97(6)	S02H	Ag1I	Ag1Q	169.5(2)
Ag02	Ag05	Ag0S	54.39(5)	S02H	Ag1I	S02X	122.6(3)
Ag02	Ag05	Ag0V	58.80(6)	S02H	Ag1I	S032	121.2(3)
Ag07	Ag05	Ag09	61.39(5)	S02X	Ag1I	Ag0A	117.5(2)
Ag07	Ag05	Ag0S	89.07(5)	S02X	Ag1I	Ag1M	51.14(18)
Ag08	Ag05	Ag07	107.02(7)	S02X	Ag1I	Ag1P	149.8(2)
Ag08	Ag05	Ag09	58.17(5)	S02X	Ag1I	Ag1Q	53.35(18)
Ag08	Ag05	Ag0J	141.42(7)	S02X	Ag1I	S032	105.1(3)
Ag08	Ag05	Ag0R	97.06(7)	S032	Ag1I	Ag0A	106.9(2)
Ag08	Ag05	Ag0S	89.82(6)	S032	Ag1I	Ag1M	148.5(2)
Ag09	Ag05	Ag0S	56.92(5)	S032	Ag1I	Ag1P	51.8(2)
Ag0D	Ag05	Ag07	91.49(6)	S032	Ag1I	Ag1Q	56.5(2)
Ag0D	Ag05	Ag08	155.93(7)	Ag0M	Ag1J	Ag0U	52.71(6)
Ag0D	Ag05	Ag09	145.86(7)	Ag0M	Ag1J	Ag1I	55.98(6)
Ag0D	Ag05	Ag0J	61.55(6)	Ag0M	Ag1J	Ag1N	61.08(7)
Ag0D	Ag05	Ag0R	60.26(6)	Ag0M	Ag1J	Ag1O	58.96(7)
Ag0D	Ag05	Ag0S	106.09(7)	Ag1I	Ag1J	Ag0U	56.13(6)
Ag0J	Ag05	Ag07	59.54(5)	Ag1I	Ag1J	Ag1N	108.37(8)
Ag0J	Ag05	Ag09	85.76(6)	Ag1I	Ag1J	Ag1O	57.82(8)
Ag0J	Ag05	Ag0R	112.47(7)	Ag1N	Ag1J	Ag0U	60.37(7)
Ag0J	Ag05	Ag0S	56.34(5)	Ag1O	Ag1J	Ag0U	102.36(8)
Ag0R	Ag05	Ag07	147.02(7)	Ag1O	Ag1J	Ag1N	111.97(9)
Ag0R	Ag05	Ag09	151.08(7)	S02V	Ag1J	Ag0M	89.85(16)
Ag0R	Ag05	Ag0S	113.66(7)	S02V	Ag1J	Ag0U	141.81(16)

Ag0V Ag05 Ag07	141.19(7)	S02V Ag1J Ag11	112.4(2)
Ag0V Ag05 Ag08	59.51(6)	S02V Ag1J Ag1N	97.5(2)
Ag0V Ag05 Ag09	82.76(6)	S02V Ag1J Ag1O	54.6(2)
Ag0V Ag05 Ag0D	114.20(7)	S02V Ag1J S031	122.2(4)
Ag0V Ag05 Ag0J	106.42(7)	S031 Ag1J Ag0M	107.5(3)
Ag0V Ag05 Ag0R	70.85(6)	S031 Ag1J Ag0U	71.0(3)
Ag0V Ag05 Ag0S	57.04(5)	S031 Ag1J Ag11	123.2(3)
Ag07 Ag06 Ag0G	62.34(6)	S031 Ag1J Ag1N	52.5(3)
Ag07 Ag06 Ag0J	63.06(6)	S031 Ag1J Ag1O	164.4(3)
Ag07 Ag06 Ag0K	66.73(6)	S1 Ag1J Ag0M	112.2(3)
Ag07 Ag06 Ag0L	62.80(5)	S1 Ag1J Ag0U	73.0(3)
Ag07 Ag06 Ag0X	66.39(6)	S1 Ag1J Ag11	61.4(3)
Ag07 Ag06 Ag16	153.90(8)	S1 Ag1J Ag1N	124.4(3)
Ag07 Ag06 Ag1A	115.81(8)	S1 Ag1J Ag1O	105.8(3)
Ag07 Ag06 Ag1F	119.06(8)	S1 Ag1J S02V	137.9(4)
Ag07 Ag06 Ag1R	117.79(8)	S1 Ag1J S031	86.0(4)
Ag0G Ag06 Ag0L	114.81(7)	Ag03 Ag1K Ag1E	56.75(7)
Ag0G Ag06 Ag0X	66.50(6)	Ag15 Ag1K Ag03	60.08(7)
Ag0G Ag06 Ag16	120.27(7)	Ag15 Ag1K Ag1E	83.61(10)
Ag0G Ag06 Ag1A	62.79(6)	S02D Ag1K Ag03	97.31(14)
Ag0G Ag06 Ag1F	112.06(7)	S02D Ag1K Ag15	130.05(14)
Ag0G Ag06 Ag1R	64.84(7)	S02D Ag1K Ag1E	122.78(16)
Ag0J Ag06 Ag0G	113.11(7)	S02J Ag1K Ag03	102.5(2)
Ag0J Ag06 Ag0L	67.25(6)	S02J Ag1K Ag15	136.3(2)
Ag0J Ag06 Ag0X	119.41(7)	S02J Ag1K Ag1E	55.89(19)
Ag0J Ag06 Ag16	125.94(8)	S02J Ag1K S02D	89.3(2)
Ag0J Ag06 Ag1A	114.36(7)	S02S Ag1K Ag03	114.8(2)
Ag0J Ag06 Ag1F	67.11(6)	S02S Ag1K Ag15	61.2(2)
Ag0J Ag06 Ag1R	175.31(9)	S02S Ag1K Ag1E	137.2(2)
Ag0K Ag06 Ag0G	62.77(6)	S02S Ag1K S02D	99.3(2)
Ag0K Ag06 Ag0J	62.20(6)	S02S Ag1K S02J	140.1(3)
Ag0K Ag06 Ag0L	119.98(7)	Ag15 Ag1L Ag0P	79.97(8)
Ag0K Ag06 Ag0X	122.15(8)	S029 Ag1L Ag0P	50.32(14)
Ag0K Ag06 Ag16	139.12(8)	S029 Ag1L Ag15	129.81(16)
Ag0K Ag06 Ag1A	60.25(6)	S02C Ag1L Ag0P	97.55(17)
Ag0K Ag06 Ag1F	60.17(7)	S02C Ag1L Ag15	53.66(17)
Ag0K Ag06 Ag1R	113.53(8)	S02C Ag1L S029	119.0(2)
Ag0L Ag06 Ag1A	177.40(9)	S02C Ag1L S02G	142.2(2)
Ag0L Ag06 Ag1F	123.83(8)	S02G Ag1L Ag0P	110.09(16)
Ag0L Ag06 Ag1R	117.39(8)	S02G Ag1L Ag15	105.4(2)

Ag0X Ag06 Ag0L 61.22(6)	S02G Ag1L S029 98.7(2)
Ag0X Ag06 Ag16 90.24(7)	Ag1I Ag1M Ag0T 75.24(7)
Ag0X Ag06 Ag1A 116.30(8)	S02D Ag1M Ag0T 51.64(15)
Ag0X Ag06 Ag1F 173.47(8)	S02D Ag1M Ag1I 121.86(17)
Ag0X Ag06 Ag1R 64.13(7)	S02D Ag1M S02J 95.0(2)
Ag16 Ag06 Ag0L 96.46(7)	S02J Ag1M Ag0T 109.20(18)
Ag16 Ag06 Ag1A 84.22(7)	S02J Ag1M Ag1I 126.77(18)
Ag16 Ag06 Ag1F 85.12(8)	S02X Ag1M Ag0T 130.1(2)
Ag16 Ag06 Ag1R 55.58(7)	S02X Ag1M Ag1I 57.4(2)
Ag1A Ag06 Ag1R 60.97(7)	S02X Ag1M S02D 146.6(3)
Ag1F Ag06 Ag1A 58.70(7)	S02X Ag1M S02J 111.3(3)
Ag1F Ag06 Ag1R 109.37(8)	Ag0M Ag1N Ag0U 52.00(6)
Ag01 Ag07 Ag04 57.85(5)	Ag0M Ag1N Ag1J 57.08(7)
Ag01 Ag07 Ag05 58.10(5)	Ag1J Ag1N Ag0U 61.33(7)
Ag01 Ag07 Ag06 173.30(7)	Ag1W Ag1N Ag0M 57.74(9)
Ag01 Ag07 Ag09 57.76(5)	Ag1W Ag1N Ag0U 108.56(10)
Ag01 Ag07 Ag0F 72.79(5)	Ag1W Ag1N Ag1J 91.51(12)
Ag01 Ag07 Ag0G 117.60(7)	S02Y Ag1N Ag0M 101.87(18)
Ag01 Ag07 Ag0J 117.14(7)	S02Y Ag1N Ag0U 68.02(16)
Ag01 Ag07 Ag0K 116.26(6)	S02Y Ag1N Ag1J 127.15(18)
Ag01 Ag07 Ag0L 122.79(6)	S02Y Ag1N Ag1W 118.80(19)
Ag01 Ag07 Ag0X 127.27(7)	S02Y Ag1N S031 98.3(3)
Ag04 Ag07 Ag05 107.86(6)	S031 Ag1N Ag0M 104.3(3)
Ag04 Ag07 Ag09 60.53(5)	S031 Ag1N Ag0U 71.7(3)
Ag04 Ag07 Ag0K 89.24(6)	S031 Ag1N Ag1J 52.9(3)
Ag04 Ag07 Ag0L 151.14(7)	S031 Ag1N Ag1W 140.6(3)
Ag04 Ag07 Ag0X 96.71(6)	S03B Ag1N Ag0M 104.8(4)
Ag05 Ag07 Ag09 59.57(5)	S03B Ag1N Ag0U 154.6(4)
Ag05 Ag07 Ag0K 91.36(6)	S03B Ag1N Ag1J 98.7(4)
Ag05 Ag07 Ag0L 92.06(6)	S03B Ag1N Ag1W 53.1(3)
Ag05 Ag07 Ag0X 149.17(7)	S03B Ag1N S02Y 134.1(4)
Ag06 Ag07 Ag04 120.32(7)	S03B Ag1N S031 110.2(4)
Ag06 Ag07 Ag05 119.27(7)	Ag0M Ag1O Ag0V 54.24(6)
Ag06 Ag07 Ag09 115.54(6)	Ag0M Ag1O Ag1G 60.88(7)
Ag06 Ag07 Ag0F 113.90(7)	Ag0M Ag1O Ag1J 59.72(7)
Ag06 Ag07 Ag0G 60.57(6)	Ag0V Ag1O Ag1G 60.93(6)
Ag06 Ag07 Ag0J 59.73(6)	Ag11 Ag1O Ag0M 57.21(7)
Ag06 Ag07 Ag0K 57.07(5)	Ag11 Ag1O Ag0V 58.52(6)
Ag06 Ag07 Ag0L 62.31(6)	Ag11 Ag1O Ag1G 110.17(9)
Ag06 Ag07 Ag0X 58.51(6)	Ag11 Ag1O Ag1J 60.93(8)

Ag09	Ag07	Ag0K	58.53(5)	Ag1J	Ag1O	Ag0V	106.39(9)
Ag09	Ag07	Ag0X	151.26(7)	Ag1J	Ag1O	Ag1G	110.00(11)
Ag0F	Ag07	Ag04	95.32(6)	S02V	Ag1O	Ag0M	88.28(19)
Ag0F	Ag07	Ag05	94.71(6)	S02V	Ag1O	Ag0V	141.3(2)
Ag0F	Ag07	Ag09	130.54(7)	S02V	Ag1O	Ag11	112.13(19)
Ag0F	Ag07	Ag0G	116.79(7)	S02V	Ag1O	Ag1G	94.57(18)
Ag0F	Ag07	Ag0J	119.84(7)	S02V	Ag1O	Ag1J	51.23(17)
Ag0F	Ag07	Ag0K	170.90(7)	S02V	Ag1O	S036	122.0(4)
Ag0F	Ag07	Ag0L	61.59(6)	S02W	Ag1O	Ag0M	108.08(18)
Ag0F	Ag07	Ag0X	64.05(5)	S02W	Ag1O	Ag0V	70.93(17)
Ag0G	Ag07	Ag04	59.86(5)	S02W	Ag1O	Ag11	125.6(2)
Ag0G	Ag07	Ag05	146.18(7)	S02W	Ag1O	Ag1G	52.87(19)
Ag0G	Ag07	Ag09	89.03(6)	S02W	Ag1O	Ag1J	162.2(2)
Ag0G	Ag07	Ag0J	109.06(6)	S02W	Ag1O	S02V	119.8(3)
Ag0G	Ag07	Ag0K	59.11(5)	S02W	Ag1O	S036	93.8(4)
Ag0G	Ag07	Ag0L	112.97(7)	S036	Ag1O	Ag0M	126.8(3)
Ag0G	Ag07	Ag0X	63.16(5)	S036	Ag1O	Ag0V	91.7(3)
Ag0J	Ag07	Ag04	142.32(7)	S036	Ag1O	Ag11	70.4(3)
Ag0J	Ag07	Ag05	59.55(5)	S036	Ag1O	Ag1G	141.0(3)
Ag0J	Ag07	Ag09	84.78(6)	S036	Ag1O	Ag1J	103.9(3)
Ag0J	Ag07	Ag0K	58.11(5)	Ag0A	Ag1P	Ag0U	51.21(6)
Ag0J	Ag07	Ag0L	65.95(6)	Ag0A	Ag1P	Ag1V	58.33(8)
Ag0J	Ag07	Ag0X	110.07(7)	Ag1I	Ag1P	Ag0A	58.56(7)
Ag0K	Ag07	Ag0X	107.65(6)	Ag1I	Ag1P	Ag0U	109.18(10)
Ag0L	Ag07	Ag09	147.50(7)	Ag1I	Ag1P	Ag1V	88.59(9)
Ag0L	Ag07	Ag0K	111.48(7)	Ag1V	Ag1P	Ag0U	63.43(9)
Ag0L	Ag07	Ag0X	58.73(5)	S02Y	Ag1P	Ag0A	100.11(17)
Ag01	Ag08	Ag05	58.34(5)	S02Y	Ag1P	Ag0U	66.10(18)
Ag01	Ag08	Ag09	59.54(5)	S02Y	Ag1P	Ag1I	122.77(19)
Ag01	Ag08	Ag0E	58.74(5)	S02Y	Ag1P	Ag1V	127.1(2)
Ag01	Ag08	Ag0U	117.86(7)	S02Y	Ag1P	S031	96.0(3)
Ag01	Ag08	Ag0V	117.93(7)	S031	Ag1P	Ag0A	101.3(3)
Ag01	Ag08	Ag10	120.15(7)	S031	Ag1P	Ag0U	68.7(3)
Ag01	Ag08	Ag11	117.56(6)	S031	Ag1P	Ag1I	137.5(3)
Ag01	Ag08	Ag17	119.03(8)	S031	Ag1P	Ag1V	51.3(3)
Ag05	Ag08	Ag0E	109.54(6)	S032	Ag1P	Ag0A	107.2(2)
Ag05	Ag08	Ag11	91.78(6)	S032	Ag1P	Ag0U	152.1(3)
Ag09	Ag08	Ag05	61.92(5)	S032	Ag1P	Ag1I	56.6(2)
Ag09	Ag08	Ag0E	61.17(6)	S032	Ag1P	Ag1V	90.8(3)
Ag09	Ag08	Ag0U	84.87(6)	S032	Ag1P	S02Y	141.4(3)

Ag09 Ag08 Ag0V	85.08(7)	S032 Ag1P S031	104.5(4)
Ag09 Ag08 Ag10	147.14(9)	S02N Ag1Q Ag1I	85.09(14)
Ag09 Ag08 Ag11	58.02(5)	S02N Ag1Q S02X	102.7(3)
Ag09 Ag08 Ag17	149.16(8)	S02N Ag1Q S032	94.0(3)
Ag0E Ag08 Ag11	90.92(6)	S02X Ag1Q Ag1I	54.00(17)
Ag0M Ag08 Ag01	172.61(7)	S02X Ag1Q S032	103.0(3)
Ag0M Ag08 Ag05	119.36(8)	S032 Ag1Q Ag1I	53.56(18)
Ag0M Ag08 Ag09	113.07(7)	P038 Ag1Q Ag1I	156.7(3)
Ag0M Ag08 Ag0E	118.79(7)	P038 Ag1Q S02N	118.2(3)
Ag0M Ag08 Ag0U	59.17(6)	P038 Ag1Q S02X	116.3(3)
Ag0M Ag08 Ag0V	59.17(6)	P038 Ag1Q S032	119.2(3)
Ag0M Ag08 Ag10	65.76(6)	Ag06 Ag1R Ag0G	52.23(6)
Ag0M Ag08 Ag11	55.05(5)	Ag06 Ag1R Ag0X	52.61(6)
Ag0M Ag08 Ag17	67.05(7)	Ag0X Ag1R Ag0G	57.56(6)
Ag0U Ag08 Ag05	143.95(7)	Ag16 Ag1R Ag06	57.39(7)
Ag0U Ag08 Ag0E	59.62(6)	Ag16 Ag1R Ag0G	109.49(11)
Ag0U Ag08 Ag11	56.60(6)	Ag16 Ag1R Ag0X	84.19(8)
Ag0V Ag08 Ag05	60.20(6)	Ag16 Ag1R Ag1A	82.99(11)
Ag0V Ag08 Ag0E	143.19(7)	Ag16 Ag1R S029	126.37(15)
Ag0V Ag08 Ag0U	106.15(7)	Ag1A Ag1R Ag06	57.14(7)
Ag0V Ag08 Ag11	56.59(6)	Ag1A Ag1R Ag0G	57.12(7)
Ag10 Ag08 Ag05	89.28(7)	Ag1A Ag1R Ag0X	103.06(10)
Ag10 Ag08 Ag0E	150.47(9)	S029 Ag1R Ag06	96.73(13)
Ag10 Ag08 Ag0U	116.74(7)	S029 Ag1R Ag0G	67.94(14)
Ag10 Ag08 Ag0V	65.87(7)	S029 Ag1R Ag0X	47.75(12)
Ag10 Ag08 Ag11	111.64(7)	S029 Ag1R Ag1A	124.26(16)
Ag17 Ag08 Ag05	147.12(7)	S02G Ag1R Ag06	109.18(19)
Ag17 Ag08 Ag0E	90.96(7)	S02G Ag1R Ag0G	67.98(17)
Ag17 Ag08 Ag0U	68.61(7)	S02G Ag1R Ag0X	120.54(19)
Ag17 Ag08 Ag0V	116.53(7)	S02G Ag1R Ag16	138.5(2)
Ag17 Ag08 Ag10	63.02(7)	S02G Ag1R Ag1A	60.38(17)
Ag17 Ag08 Ag11	113.98(7)	S02G Ag1R S029	92.2(2)
Ag01 Ag09 Ag04	56.44(5)	S02G Ag1R S02L	139.7(2)
Ag01 Ag09 Ag05	57.37(5)	S02L Ag1R Ag06	108.74(19)
Ag01 Ag09 Ag07	56.05(5)	S02L Ag1R Ag0G	150.69(18)
Ag01 Ag09 Ag08	58.60(5)	S02L Ag1R Ag0X	93.40(18)
Ag01 Ag09 Ag0E	58.16(5)	S02L Ag1R Ag16	58.89(19)
Ag01 Ag09 Ag0K	116.97(7)	S02L Ag1R Ag1A	136.7(2)
Ag01 Ag09 Ag0O	118.00(7)	S02L Ag1R S029	96.4(2)
Ag01 Ag09 Ag0S	123.07(7)	S02V Ag1S Ag1W	88.67(16)

Ag01 Ag09 Ag0W	124.76(8)	S02V Ag1S S035	96.6(3)
Ag01 Ag09 Ag11	127.14(7)	S02V Ag1S S03B	96.5(4)
Ag04 Ag09 Ag07	58.14(5)	S035 Ag1S Ag1W	51.6(3)
Ag04 Ag09 Ag11	150.79(8)	S035 Ag1S S03B	99.9(4)
Ag05 Ag09 Ag04	105.53(6)	S03B Ag1S Ag1W	50.2(3)
Ag05 Ag09 Ag07	59.04(5)	P03G Ag1S Ag1W	140.4(6)
Ag05 Ag09 Ag0O	146.50(8)	P03G Ag1S S02V	129.3(6)
Ag05 Ag09 Ag0W	153.20(7)	P03G Ag1S S035	121.9(6)
Ag05 Ag09 Ag11	96.79(6)	P03G Ag1S S03B	106.7(6)
Ag08 Ag09 Ag04	106.75(6)	Ag02 Ag1T Ag0S	53.98(7)
Ag08 Ag09 Ag05	59.91(5)	Ag02 Ag1T Ag14	57.21(7)
Ag08 Ag09 Ag07	106.53(6)	Ag02 Ag1T Ag2	100.79(14)
Ag08 Ag09 Ag0E	60.30(6)	Ag0S Ag1T Ag14	57.66(9)
Ag08 Ag09 Ag0K	150.67(8)	Ag0S Ag1T Ag2	53.32(11)
Ag08 Ag09 Ag0O	150.82(8)	Ag14 Ag1T Ag2	60.70(12)
Ag08 Ag09 Ag0S	96.32(7)	S02E Ag1T Ag02	88.04(17)
Ag08 Ag09 Ag0W	97.05(7)	S02E Ag1T Ag0S	111.2(2)
Ag08 Ag09 Ag11	68.54(6)	S02E Ag1T Ag14	53.59(17)
Ag0B Ag09 Ag01	174.23(8)	S02E Ag1T Ag2	91.5(2)
Ag0B Ag09 Ag04	119.35(6)	S02E Ag1T S02W	122.3(3)
Ag0B Ag09 Ag05	123.38(8)	S02E Ag1T S036	127.9(4)
Ag0B Ag09 Ag07	118.78(7)	S02W Ag1T Ag02	97.95(17)
Ag0B Ag09 Ag08	127.10(7)	S02W Ag1T Ag0S	118.4(2)
Ag0B Ag09 Ag0E	124.24(7)	S02W Ag1T Ag14	153.20(18)
Ag0B Ag09 Ag0K	57.82(6)	S02W Ag1T Ag2	141.8(2)
Ag0B Ag09 Ag0O	57.78(5)	S036 Ag1T Ag02	125.0(3)
Ag0B Ag09 Ag0S	57.67(5)	S036 Ag1T Ag0S	73.1(3)
Ag0B Ag09 Ag0W	57.66(6)	S036 Ag1T Ag14	107.9(4)
Ag0B Ag09 Ag11	58.57(6)	S036 Ag1T Ag2	47.8(4)
Ag0E Ag09 Ag04	59.17(5)	S036 Ag1T S02W	94.4(4)
Ag0E Ag09 Ag05	107.30(6)	Ag0B Ag1U Ag0K	54.64(6)
Ag0E Ag09 Ag07	105.70(6)	Ag0B Ag1U Ag2	66.15(12)
Ag0E Ag09 Ag0K	145.91(7)	Ag1 Ag1U Ag0B	57.78(10)
Ag0E Ag09 Ag0O	92.51(7)	Ag1 Ag1U Ag0K	101.21(11)
Ag0E Ag09 Ag0S	153.23(8)	Ag1 Ag1U Ag2	99.00(19)
Ag0E Ag09 Ag0W	66.67(6)	Ag2 Ag1U Ag0K	87.28(10)
Ag0E Ag09 Ag11	96.55(7)	S02I Ag1U Ag0B	101.90(18)
Ag0K Ag09 Ag04	89.28(6)	S02I Ag1U Ag0K	83.48(16)
Ag0K Ag09 Ag05	92.53(7)	S02I Ag1U Ag1	75.1(2)
Ag0K Ag09 Ag07	60.96(5)	S02I Ag1U Ag2	167.8(2)

Ag0K Ag09 Ag0O	58.51(6)	S02I Ag1U S02U	140.1(3)
Ag0K Ag09 Ag0W	106.46(6)	S02I Ag1U S36	112.1(4)
Ag0K Ag09 Ag11	108.58(7)	S02I Ag1U Ag2A	143.6(4)
Ag0O Ag09 Ag04	61.61(5)	S02U Ag1U Ag0B	101.0(2)
Ag0O Ag09 Ag07	90.08(6)	S02U Ag1U Ag0K	83.68(18)
Ag0O Ag09 Ag11	107.72(6)	S02U Ag1U Ag1	144.6(3)
Ag0S Ag09 Ag04	146.78(8)	S02U Ag1U Ag2	45.9(2)
Ag0S Ag09 Ag05	65.80(5)	S02U Ag1U S36	102.9(4)
Ag0S Ag09 Ag07	92.85(7)	S02U Ag1U Ag2A	76.3(4)
Ag0S Ag09 Ag0K	60.42(6)	S36 Ag1U Ag0B	82.6(4)
Ag0S Ag09 Ag0O	106.87(6)	S36 Ag1U Ag0K	137.0(4)
Ag0S Ag09 Ag0W	107.10(7)	S36 Ag1U Ag1	50.5(3)
Ag0S Ag09 Ag11	60.41(6)	S36 Ag1U Ag2	70.0(3)
Ag0W Ag09 Ag04	93.69(7)	Ag2A Ag1U Ag0B	64.0(3)
Ag0W Ag09 Ag07	147.21(7)	Ag2A Ag1U Ag0K	109.2(2)
Ag0W Ag09 Ag0O	59.66(6)	Ag2A Ag1U Ag1	69.0(3)
Ag0W Ag09 Ag11	59.64(6)	Ag2A Ag1U S36	36.6(3)
Ag11 Ag09 Ag07	150.90(8)	Ag0A Ag1V Ag0W	51.51(7)
Ag0E Ag0A Ag0N	63.30(5)	Ag0A Ag1V Ag12	56.58(7)
Ag0E Ag0A Ag0T	61.01(6)	Ag0A Ag1V Ag1P	59.49(7)
Ag0E Ag0A Ag0U	62.49(6)	Ag12 Ag1V Ag0W	53.78(7)
Ag0E Ag0A Ag12	120.87(8)	Ag12 Ag1V Ag1P	109.41(10)
Ag0E Ag0A Ag13	59.09(6)	Ag1P Ag1V Ag0W	103.27(9)
Ag0E Ag0A Ag1I	134.51(8)	S02N Ag1V Ag0A	87.52(17)
Ag0E Ag0A Ag1P	116.12(7)	S02N Ag1V Ag0W	105.90(19)
Ag0E Ag0A Ag1V	128.73(10)	S02N Ag1V Ag12	52.12(17)
Ag0N Ag0A Ag0T	62.23(6)	S02N Ag1V Ag1P	100.2(2)
Ag0N Ag0A Ag12	65.00(6)	S02N Ag1V S031	133.5(4)
Ag0N Ag0A Ag13	110.75(6)	S031 Ag1V Ag0A	105.1(3)
Ag0N Ag0A Ag1I	118.72(8)	S031 Ag1V Ag0W	117.0(3)
Ag0N Ag0A Ag1P	176.07(9)	S031 Ag1V Ag12	161.7(3)
Ag0N Ag0A Ag1V	121.43(10)	S031 Ag1V Ag1P	54.6(3)
Ag0T Ag0A Ag12	114.75(7)	S1 Ag1V Ag0A	104.9(3)
Ag0T Ag0A Ag13	58.21(6)	S1 Ag1V Ag0W	56.9(3)
Ag0T Ag0A Ag1I	79.63(7)	S1 Ag1V Ag12	97.1(3)
Ag0T Ag0A Ag1P	113.93(8)	S1 Ag1V Ag1P	125.6(3)
Ag0T Ag0A Ag1V	170.17(11)	S1 Ag1V S02N	132.8(4)
Ag0U Ag0A Ag0N	113.19(8)	S1 Ag1V S031	87.7(4)
Ag0U Ag0A Ag0T	116.24(7)	Ag0M Ag1W Ag1N	62.61(8)
Ag0U Ag0A Ag12	117.99(8)	Ag0M Ag1W Ag1S	105.63(15)

Ag0U Ag0A Ag13	69.03(7)	Ag1G Ag1W Ag0M	63.52(9)
Ag0U Ag0A Ag1I	126.64(8)	Ag1G Ag1W Ag1N	124.50(14)
Ag0U Ag0A Ag1P	68.90(7)	Ag1G Ag1W Ag1S	91.37(14)
Ag0U Ag0A Ag1V	71.63(7)	Ag1N Ag1W Ag1S	90.72(11)
Ag0W Ag0A Ag0E	71.37(6)	S02R Ag1W Ag0M	79.79(16)
Ag0W Ag0A Ag0N	63.77(6)	S02R Ag1W Ag1G	90.7(2)
Ag0W Ag0A Ag0T	119.20(7)	S02R Ag1W Ag1N	92.30(19)
Ag0W Ag0A Ag0U	64.22(7)	S02R Ag1W Ag1S	174.6(2)
Ag0W Ag0A Ag12	61.38(7)	S035 Ag1W Ag0M	107.0(3)
Ag0W Ag0A Ag13	123.11(7)	S035 Ag1W Ag1G	51.2(3)
Ag0W Ag0A Ag1I	153.71(8)	S035 Ag1W Ag1N	140.2(3)
Ag0W Ag0A Ag1P	120.00(8)	S035 Ag1W Ag1S	53.4(3)
Ag0W Ag0A Ag1V	68.93(9)	S035 Ag1W S02R	125.0(3)
Ag12 Ag0A Ag13	172.58(9)	S03B Ag1W Ag0M	106.4(4)
Ag12 Ag0A Ag1I	94.90(7)	S03B Ag1W Ag1G	142.9(4)
Ag12 Ag0A Ag1P	117.33(7)	S03B Ag1W Ag1N	49.8(3)
Ag12 Ag0A Ag1V	63.02(7)	S03B Ag1W Ag1S	55.5(3)
Ag1I Ag0A Ag13	81.78(7)	S03B Ag1W S02R	123.9(4)
Ag1I Ag0A Ag1P	58.58(8)	S03B Ag1W S035	106.7(4)
Ag1I Ag0A Ag1V	90.91(10)	Ag0B Ag1 Ag1U	62.40(9)
Ag1P Ag0A Ag13	66.56(6)	Ag0B Ag1 Ag2A	59.34(17)
Ag1V Ag0A Ag13	123.44(8)	Ag1U Ag1 Ag2A	50.3(4)
Ag1V Ag0A Ag1P	62.19(9)	S02Q Ag1 Ag0B	106.20(18)
Ag09 Ag0B Ag0K	65.01(6)	S02Q Ag1 Ag1U	143.8(3)
Ag09 Ag0B Ag0O	65.26(5)	S02Q Ag1 Ag2A	156.0(4)
Ag09 Ag0B Ag0S	65.00(6)	S02Q Ag1 Ag2B	119.5(4)
Ag09 Ag0B Ag0W	65.26(6)	S36 Ag1 Ag0B	91.7(4)
Ag09 Ag0B Ag11	65.55(6)	S36 Ag1 Ag1U	61.4(4)
Ag09 Ag0B Ag1U	130.56(10)	S36 Ag1 S02Q	154.0(5)
Ag09 Ag0B Ag1	143.12(12)	S36 Ag1 Ag2A	32.4(4)
Ag09 Ag0B Ag2	120.96(10)	S36 Ag1 Ag2B	51.3(5)
Ag09 Ag0B Ag2A	152.0(2)	Ag2B Ag1 Ag0B	65.3(2)
Ag09 Ag0B Ag2B	146.6(2)	Ag2B Ag1 Ag1U	88.2(4)
Ag0K Ag0B Ag0O	63.20(6)	Ag0B Ag2 Ag1T	106.06(14)
Ag0K Ag0B Ag11	120.44(7)	Ag0S Ag2 Ag0B	53.47(9)
Ag0K Ag0B Ag1U	65.55(9)	Ag0S Ag2 Ag14	58.40(9)
Ag0K Ag0B Ag1	111.43(14)	Ag0S Ag2 Ag1T	59.78(11)
Ag0K Ag0B Ag2	88.43(10)	Ag0S Ag2 Ag1U	91.56(13)
Ag0K Ag0B Ag2A	107.7(4)	Ag14 Ag2 Ag0B	104.78(12)
Ag0K Ag0B Ag2B	145.5(3)	Ag14 Ag2 Ag1T	57.34(10)

Ag0O Ag0B Ag11	119.58(8)	Ag1U Ag2 Ag0B	55.98(10)
Ag0O Ag0B Ag1U	91.96(8)	Ag1U Ag2 Ag14	100.78(15)
Ag0O Ag0B Ag1	80.25(12)	Ag1U Ag2 Ag1T	149.72(16)
Ag0O Ag0B Ag2	146.17(11)	S02U Ag2 Ag0B	99.3(2)
Ag0O Ag0B Ag2A	138.0(3)	S02U Ag2 Ag0S	93.8(2)
Ag0O Ag0B Ag2B	131.5(3)	S02U Ag2 Ag14	57.1(2)
Ag0S Ag0B Ag0K	65.27(6)	S02U Ag2 Ag1T	113.5(3)
Ag0S Ag0B Ag0O	119.04(7)	S02U Ag2 Ag1U	54.6(2)
Ag0S Ag0B Ag0W	119.47(7)	S02U Ag2 S036	164.8(5)
Ag0S Ag0B Ag11	65.11(6)	S036 Ag2 Ag0B	87.2(4)
Ag0S Ag0B Ag1U	94.71(9)	S036 Ag2 Ag0S	79.1(3)
Ag0S Ag0B Ag1	149.95(11)	S036 Ag2 Ag14	108.1(4)
Ag0S Ag0B Ag2	55.98(9)	S036 Ag2 Ag1T	51.3(4)
Ag0S Ag0B Ag2A	87.2(2)	S036 Ag2 Ag1U	138.2(4)
Ag0S Ag0B Ag2B	109.4(3)	Ag0D S01Z Ag0C	111.98(19)
Ag0W Ag0B Ag0K	118.52(7)	Ag0D S01Z Ag0L	72.24(15)
Ag0W Ag0B Ag0O	64.60(6)	Ag0F S01Z Ag0C	73.96(16)
Ag0W Ag0B Ag11	64.34(7)	Ag0F S01Z Ag0D	129.6(2)
Ag0W Ag0B Ag1U	144.61(9)	Ag0F S01Z Ag0L	71.20(14)
Ag0W Ag0B Ag1	89.00(9)	Ag0L S01Z Ag0C	135.0(2)
Ag0W Ag0B Ag2	149.18(11)	C32 S01Z Ag0C	97.5(6)
Ag0W Ag0B Ag2A	132.9(4)	C32 S01Z Ag0D	118.9(7)
Ag0W Ag0B Ag2B	94.3(3)	C32 S01Z Ag0F	109.1(7)
Ag11 Ag0B Ag1U	147.69(10)	C32 S01Z Ag0L	120.2(6)
Ag11 Ag0B Ag2	89.90(10)	Ag0F S020 Ag0Q	88.74(19)
Ag11 Ag0B Ag2A	100.6(4)	C3AA S020 Ag0F	101.0(5)
Ag11 Ag0B Ag2B	82.00(18)	C3AA S020 Ag0Q	102.8(5)
Ag1U Ag0B Ag2	57.87(10)	Ag0I S021 Ag0H	141.8(2)
Ag1U Ag0B Ag2B	81.6(2)	Ag0Q S021 Ag0H	77.62(16)
Ag1 Ag0B Ag11	128.02(14)	Ag0Q S021 Ag0I	73.15(15)
Ag1 Ag0B Ag1U	59.82(11)	Ag0Q S021 Ag0T	131.9(2)
Ag1 Ag0B Ag2	94.85(12)	Ag0T S021 Ag0H	118.0(2)
Ag1 Ag0B Ag2A	64.8(2)	Ag0T S021 Ag0I	68.66(13)
Ag1 Ag0B Ag2B	55.0(3)	C12 S021 Ag0H	95.8(5)
Ag2A Ag0B Ag1U	51.1(4)	C12 S021 Ag0I	116.6(5)
Ag01 Ag0C Ag0F	67.44(5)	C12 S021 Ag0Q	108.9(6)
Ag01 Ag0C Ag0H	59.54(5)	C12 S021 Ag0T	113.7(6)
Ag0H Ag0C Ag0F	94.95(6)	Ag0I S022 Ag0P	75.05(16)
S01Z Ag0C Ag01	94.47(12)	Ag0I S022 Ag0Y	126.7(2)
S01Z Ag0C Ag0F	48.36(12)	Ag0P S022 Ag0Y	120.3(2)

S01Z	Ag0C	Ag0H	142.77(13)	C22	S022	Ag0I	115.0(6)
S023	Ag0C	Ag01	93.30(13)	C22	S022	Ag0P	117.4(5)
S023	Ag0C	Ag0F	71.61(13)	C22	S022	Ag0Y	102.1(5)
S023	Ag0C	Ag0H	52.49(14)	Ag0H	S023	Ag0C	73.73(16)
S023	Ag0C	S01Z	109.19(18)	C37	S023	Ag0C	109.4(6)
S024	Ag0C	Ag01	100.49(13)	C37	S023	Ag0H	110.0(6)
S024	Ag0C	Ag0F	145.67(16)	Ag0C	S024	Ag0R	110.2(2)
S024	Ag0C	Ag0H	106.42(16)	Ag0C	S024	Ag10	133.7(2)
S024	Ag0C	S01Z	104.2(2)	Ag0R	S024	Ag10	78.71(18)
S024	Ag0C	S023	142.6(2)	C9	S024	Ag0C	105.9(6)
Ag02	Ag0D	Ag0J	57.12(5)	C9	S024	Ag0R	105.1(6)
Ag02	Ag0D	Ag0L	120.12(6)	C9	S024	Ag10	115.6(6)
Ag02	Ag0D	Ag1D	62.63(6)	Ag0R	S025	Ag0D	69.30(16)
Ag05	Ag0D	Ag02	57.12(5)	Ag0R	S025	Ag1B	104.1(2)
Ag05	Ag0D	Ag0J	59.28(5)	Ag1B	S025	Ag0D	96.25(18)
Ag05	Ag0D	Ag0L	89.70(6)	C5BA	S025	Ag0D	126.4(5)
Ag05	Ag0D	Ag0R	60.14(6)	C5BA	S025	Ag0R	119.7(6)
Ag05	Ag0D	Ag1D	112.12(7)	C5BA	S025	Ag1B	126.2(6)
Ag0J	Ag0D	Ag0L	63.16(5)	Ag0H	S027	Ag13	116.4(2)
Ag0J	Ag0D	Ag1D	63.68(6)	Ag0H	S027	Ag17	130.4(3)
Ag0R	Ag0D	Ag02	63.24(6)	Ag13	S027	Ag17	81.34(18)
Ag0R	Ag0D	Ag0J	110.47(7)	C15	S027	Ag0H	105.1(5)
Ag0R	Ag0D	Ag0L	142.92(8)	C15	S027	Ag13	108.1(6)
Ag0R	Ag0D	Ag1D	115.05(8)	C15	S027	Ag17	112.6(4)
Ag1D	Ag0D	Ag0L	95.26(7)	Ag0D	S028	Ag0L	73.79(18)
S01Z	Ag0D	Ag02	137.59(14)	Ag1C	S028	Ag0D	136.0(3)
S01Z	Ag0D	Ag05	80.52(13)	Ag1C	S028	Ag0L	86.55(19)
S01Z	Ag0D	Ag0J	104.84(13)	Ag1D	S028	Ag0D	72.93(17)
S01Z	Ag0D	Ag0L	55.62(12)	Ag1D	S028	Ag0L	125.7(3)
S01Z	Ag0D	Ag0R	95.69(13)	Ag1D	S028	Ag1C	88.81(19)
S01Z	Ag0D	Ag1D	149.19(14)	C4DA	S028	Ag0D	105.0(9)
S01Z	Ag0D	S025	117.93(18)	C4DA	S028	Ag0L	106.5(7)
S01Z	Ag0D	S028	97.86(19)	C4DA	S028	Ag1C	118.3(9)
S025	Ag0D	Ag02	80.32(13)	C4DA	S028	Ag1D	122.8(8)
S025	Ag0D	Ag05	111.98(15)	Ag0P	S029	Ag1L	77.07(18)
S025	Ag0D	Ag0J	134.66(14)	Ag0P	S029	Ag1R	118.4(2)
S025	Ag0D	Ag0L	156.81(15)	Ag0X	S029	Ag0P	90.2(2)
S025	Ag0D	Ag0R	53.60(15)	Ag0X	S029	Ag1L	133.9(3)
S025	Ag0D	Ag1D	84.41(15)	Ag0X	S029	Ag1R	72.53(17)
S028	Ag0D	Ag02	110.73(15)	Ag1L	S029	Ag1R	75.31(16)

S028	Ag0D	Ag05	130.91(14)	C75	S029	Ag0P	106.1(7)
S028	Ag0D	Ag0J	74.32(14)	C75	S029	Ag0X	103.7(8)
S028	Ag0D	Ag0L	53.17(15)	C75	S029	Ag1L	122.4(8)
S028	Ag0D	Ag0R	163.89(16)	C75	S029	Ag1R	135.2(7)
S028	Ag0D	Ag1D	52.22(15)	Ag0L	S02A	Ag0X	69.75(16)
S028	Ag0D	S025	111.7(2)	Ag0L	S02A	Ag19	134.6(3)
Ag01	Ag0E	Ag04	57.31(5)	Ag19	S02A	Ag0X	115.9(2)
Ag01	Ag0E	Ag08	58.05(5)	C129	S02A	Ag0L	113.8(5)
Ag01	Ag0E	Ag09	58.37(5)	C129	S02A	Ag0X	117.7(6)
Ag01	Ag0E	Ag0N	116.65(7)	C129	S02A	Ag19	102.8(5)
Ag01	Ag0E	Ag0T	125.63(7)	Ag0R	S02B	Ag10	73.51(16)
Ag01	Ag0E	Ag0U	117.72(7)	Ag18	S02B	Ag0R	84.8(2)
Ag01	Ag0E	Ag0W	115.48(7)	Ag18	S02B	Ag10	133.0(2)
Ag01	Ag0E	Ag13	123.26(7)	Ag18	S02B	Ag1G	86.39(19)
Ag04	Ag0E	Ag09	61.48(6)	Ag1G	S02B	Ag0R	129.7(2)
Ag04	Ag0E	Ag0N	59.78(5)	Ag1G	S02B	Ag10	77.26(19)
Ag04	Ag0E	Ag0W	89.51(6)	C7EA	S02B	Ag0R	111.6(6)
Ag08	Ag0E	Ag04	107.18(7)	C7EA	S02B	Ag10	110.0(6)
Ag08	Ag0E	Ag09	58.53(5)	C7EA	S02B	Ag18	116.6(6)
Ag08	Ag0E	Ag0N	142.28(8)	C7EA	S02B	Ag1G	116.6(5)
Ag08	Ag0E	Ag0W	90.21(6)	Ag15	S02C	Ag0Y	70.47(19)
Ag08	Ag0E	Ag13	96.63(7)	Ag1L	S02C	Ag0Y	124.2(2)
Ag09	Ag0E	Ag0W	57.17(5)	Ag1L	S02C	Ag15	77.7(2)
Ag0A	Ag0E	Ag01	169.75(8)	C484	S02C	Ag0Y	115.4(11)
Ag0A	Ag0E	Ag04	118.41(7)	C484	S02C	Ag15	98.7(8)
Ag0A	Ag0E	Ag08	119.02(7)	C484	S02C	Ag1L	113.8(10)
Ag0A	Ag0E	Ag09	111.43(7)	Ag0I	S02D	Ag1K	79.4(2)
Ag0A	Ag0E	Ag0N	58.70(5)	Ag0T	S02D	Ag0I	72.00(17)
Ag0A	Ag0E	Ag0T	61.62(6)	Ag0T	S02D	Ag1K	120.4(3)
Ag0A	Ag0E	Ag0U	58.93(6)	Ag1M	S02D	Ag0I	132.8(3)
Ag0A	Ag0E	Ag0W	54.28(6)	Ag1M	S02D	Ag0T	79.9(2)
Ag0A	Ag0E	Ag13	65.91(6)	Ag1M	S02D	Ag1K	83.33(19)
Ag0N	Ag0E	Ag09	86.21(6)	C0CA	S02D	Ag0I	113.6(11)
Ag0N	Ag0E	Ag0W	56.78(5)	C0CA	S02D	Ag0T	98.5(9)
Ag0T	Ag0E	Ag04	91.10(7)	C0CA	S02D	Ag1K	141.0(10)
Ag0T	Ag0E	Ag08	155.78(8)	C0CA	S02D	Ag1M	107.4(13)
Ag0T	Ag0E	Ag09	145.62(7)	Ag1H	S02E	Ag14	125.6(3)
Ag0T	Ag0E	Ag0N	60.95(6)	Ag1T	S02E	Ag14	75.8(2)
Ag0T	Ag0E	Ag0U	113.68(7)	Ag1T	S02E	Ag1H	123.5(3)
Ag0T	Ag0E	Ag0W	106.05(6)	C2NA	S02E	Ag14	107.1(15)

Ag0T Ag0E Ag13	60.57(6)	C2NA S02E Ag1H	108.3(9)
Ag0U Ag0E Ag04	142.26(8)	C2NA S02E Ag1T	112.8(12)
Ag0U Ag0E Ag08	60.16(5)	Ag15 S02F Ag0Z	99.3(2)
Ag0U Ag0E Ag09	83.77(7)	Ag15 S02F Ag1E	106.2(2)
Ag0U Ag0E Ag0N	106.69(6)	Ag1E S02F Ag0Z	67.44(17)
Ag0U Ag0E Ag0W	57.38(5)	C4 S02F Ag0Z	117.5(7)
Ag0U Ag0E Ag13	70.45(7)	C4 S02F Ag15	124.8(8)
Ag13 Ag0E Ag04	146.45(8)	C4 S02F Ag1E	124.8(8)
Ag13 Ag0E Ag09	151.36(8)	Ag0Z S02G Ag1A	68.41(16)
Ag13 Ag0E Ag0N	112.54(7)	Ag1L S02G Ag0Z	99.4(3)
Ag13 Ag0E Ag0W	114.16(7)	Ag1L S02G Ag1A	141.4(2)
Ag01 Ag0F Ag0Q	59.68(5)	Ag1R S02G Ag0Z	128.7(2)
Ag07 Ag0F Ag01	51.47(4)	Ag1R S02G Ag1A	73.9(2)
Ag07 Ag0F Ag0C	94.79(6)	Ag1R S02G Ag1L	89.0(2)
Ag07 Ag0F Ag0L	60.69(6)	C6 S02G Ag0Z	105.5(7)
Ag07 Ag0F Ag0Q	85.15(6)	C6 S02G Ag1A	105.0(8)
Ag07 Ag0F Ag0X	60.63(5)	C6 S02G Ag1L	113.6(8)
Ag0C Ag0F Ag01	52.92(4)	C6 S02G Ag1R	117.2(8)
Ag0C Ag0F Ag0Q	87.81(6)	Ag13 S02H Ag0T	69.80(19)
Ag0C Ag0F Ag0X	155.37(7)	Ag13 S02H Ag1I	103.6(3)
Ag0L Ag0F Ag01	104.42(6)	Ag1I S02H Ag0T	93.0(2)
Ag0L Ag0F Ag0C	111.02(7)	C404 S02H Ag0T	134.4(6)
Ag0L Ag0F Ag0Q	141.34(6)	C404 S02H Ag13	116.3(7)
Ag0L Ag0F Ag0X	57.40(6)	C404 S02H Ag1I	125.1(6)
Ag0X Ag0F Ag01	106.14(6)	Ag0Z S02I Ag1A	76.73(19)
Ag0X Ag0F Ag0Q	91.36(6)	Ag1U S02I Ag0Z	134.7(3)
S01Z Ag0F Ag01	90.17(14)	Ag1U S02I Ag1A	88.7(2)
S01Z Ag0F Ag07	89.80(13)	C402 S02I Ag0Z	116.7(5)
S01Z Ag0F Ag0C	57.69(13)	C402 S02I Ag1A	110.4(7)
S01Z Ag0F Ag0L	58.98(13)	C402 S02I Ag1U	108.6(5)
S01Z Ag0F Ag0Q	144.60(14)	Ag12 S02J Ag1E	77.0(2)
S01Z Ag0F Ag0X	116.36(14)	Ag1K S02J Ag12	136.2(3)
S020 Ag0F Ag01	102.62(14)	Ag1K S02J Ag1E	76.8(2)
S020 Ag0F Ag07	100.09(14)	Ag1K S02J Ag1M	89.6(2)
S020 Ag0F Ag0C	128.99(15)	Ag1M S02J Ag12	89.4(2)
S020 Ag0F Ag0L	118.85(15)	Ag1M S02J Ag1E	141.3(3)
S020 Ag0F Ag0Q	45.95(14)	C9FA S02J Ag12	107.9(7)
S020 Ag0F Ag0X	62.76(14)	C9FA S02J Ag1E	101.1(8)
S020 Ag0F S01Z	166.96(19)	C9FA S02J Ag1K	111.1(6)
Ag03 Ag0G Ag04	56.70(5)	C9FA S02J Ag1M	117.6(8)

Ag03	Ag0G	Ag07	117.22(7)	Ag1C	S02K	Ag14	141.2(3)
Ag03	Ag0G	Ag0K	116.24(7)	Ag1C	S02K	Ag1D	87.5(2)
Ag03	Ag0G	Ag0O	57.49(6)	Ag1C	S02K	Ag1F	95.1(2)
Ag03	Ag0G	Ag0P	56.66(5)	Ag1D	S02K	Ag14	70.23(17)
Ag03	Ag0G	Ag0X	126.38(7)	Ag1F	S02K	Ag14	76.5(2)
Ag03	Ag0G	Ag0Z	58.94(6)	Ag1F	S02K	Ag1D	128.4(3)
Ag03	Ag0G	Ag1A	119.46(7)	C2JA	S02K	Ag14	110.3(9)
Ag03	Ag0G	Ag1R	124.55(8)	C2JA	S02K	Ag1C	108.5(9)
Ag04	Ag0G	Ag0K	91.76(6)	C2JA	S02K	Ag1D	122.3(9)
Ag04	Ag0G	Ag0O	62.64(5)	C2JA	S02K	Ag1F	105.6(8)
Ag04	Ag0G	Ag0P	62.19(6)	Ag16	S02L	Ag19	70.74(19)
Ag04	Ag0G	Ag0X	95.85(6)	Ag1R	S02L	Ag16	68.9(2)
Ag04	Ag0G	Ag0Z	107.87(7)	Ag1R	S02L	Ag19	122.1(3)
Ag04	Ag0G	Ag1A	146.24(8)	C2BA	S02L	Ag16	95.8(8)
Ag04	Ag0G	Ag1R	152.97(9)	C2BA	S02L	Ag19	112.7(8)
Ag06	Ag0G	Ag03	172.42(8)	C2BA	S02L	Ag1R	111.0(9)
Ag06	Ag0G	Ag04	117.56(7)	Ag16	S02M	Ag19	72.1(2)
Ag06	Ag0G	Ag07	57.10(5)	Ag1C	S02M	Ag16	71.6(2)
Ag06	Ag0G	Ag0K	57.36(6)	Ag1C	S02M	Ag19	118.8(3)
Ag06	Ag0G	Ag0O	116.16(7)	C1EA	S02M	Ag16	94.9(7)
Ag06	Ag0G	Ag0P	126.69(7)	C1EA	S02M	Ag19	118.4(8)
Ag06	Ag0G	Ag0X	56.85(6)	C1EA	S02M	Ag1C	112.3(7)
Ag06	Ag0G	Ag0Z	122.51(7)	Ag12	S02N	Ag1Q	125.8(3)
Ag06	Ag0G	Ag1A	61.91(6)	Ag1V	S02N	Ag12	78.0(2)
Ag06	Ag0G	Ag1R	62.93(7)	Ag1V	S02N	Ag1Q	121.2(3)
Ag07	Ag0G	Ag04	60.56(5)	C7FA	S02N	Ag12	116.2(8)
Ag07	Ag0G	Ag0K	62.81(5)	C7FA	S02N	Ag1Q	101.8(7)
Ag07	Ag0G	Ag0O	92.47(6)	C7FA	S02N	Ag1V	113.5(6)
Ag07	Ag0G	Ag0P	95.96(6)	Ag16	S02O	Ag1F	102.6(2)
Ag07	Ag0G	Ag0X	61.09(5)	Ag1A	S02O	Ag16	103.9(2)
Ag07	Ag0G	Ag0Z	147.88(8)	Ag1A	S02O	Ag1F	71.0(2)
Ag07	Ag0G	Ag1A	110.68(7)	C7DA	S02O	Ag16	124.9(10)
Ag07	Ag0G	Ag1R	111.82(7)	C7DA	S02O	Ag1A	117.0(11)
Ag0K	Ag0G	Ag0O	58.82(6)	C7DA	S02O	Ag1F	124.0(7)
Ag0K	Ag0G	Ag0P	153.06(7)	C5GA	P02P	Ag0Y	110.5(8)
Ag0K	Ag0G	Ag0X	108.84(7)	C5GA	P02P	C558	100.4(10)
Ag0K	Ag0G	Ag0Z	89.42(6)	C558	P02P	Ag0Y	115.8(6)
Ag0K	Ag0G	Ag1A	58.42(6)	C822	P02P	Ag0Y	116.9(8)
Ag0K	Ag0G	Ag1R	107.92(9)	C822	P02P	C5GA	104.1(12)
Ag0O	Ag0G	Ag0P	109.37(7)	C822	P02P	C558	107.2(11)

Ag0O Ag0G Ag0X	152.71(7)	Ag1E S02Q Ag12	83.3(2)
Ag0O Ag0G Ag0Z	57.58(5)	Ag1 S02Q Ag12	130.7(3)
Ag0O Ag0G Ag1A	86.68(7)	Ag1 S02Q Ag1E	112.9(4)
Ag0O Ag0G Ag1R	143.70(8)	C4KA S02Q Ag12	126.1(13)
Ag0P Ag0G Ag0X	69.93(6)	C4KA S02Q Ag1E	113.6(7)
Ag0P Ag0G Ag0Z	104.44(7)	C4KA S02Q Ag1	90.9(9)
Ag0P Ag0G Ag1R	95.00(8)	Ag10 S02R Ag1W	99.9(3)
Ag0X Ag0G Ag1R	60.76(6)	Ag17 S02R Ag10	73.43(18)
Ag0Z Ag0G Ag0X	149.70(7)	Ag17 S02R Ag1W	102.3(3)
Ag0Z Ag0G Ag1R	91.08(7)	C40 S02R Ag10	112.9(14)
Ag1A Ag0G Ag0P	148.48(7)	C40 S02R Ag17	128.1(16)
Ag1A Ag0G Ag0X	107.99(8)	C40 S02R Ag1W	125.1(13)
Ag1A Ag0G Ag0Z	60.70(6)	Ag0Y S02S Ag15	68.94(19)
Ag1A Ag0G Ag1R	60.13(8)	Ag1K S02S Ag0Y	115.8(3)
Ag01 Ag0H Ag0C	59.09(5)	Ag1K S02S Ag15	68.5(2)
Ag01 Ag0H Ag0Q	64.94(5)	C85 S02S Ag0Y	119.9(5)
Ag0C Ag0H Ag0Q	92.18(6)	C85 S02S Ag15	102.2(6)
S021 Ag0H Ag01	87.22(12)	C85 S02S Ag1K	114.3(4)
S021 Ag0H Ag0C	136.19(13)	Ag18 S02T Ag1B	72.5(2)
S021 Ag0H Ag0Q	45.63(12)	Ag18 S02T Ag1H	119.5(3)
S023 Ag0H Ag01	93.85(14)	Ag1B S02T Ag1H	73.9(2)
S023 Ag0H Ag0C	53.78(15)	C414 S02T Ag18	114.1(7)
S023 Ag0H Ag0Q	70.30(13)	C414 S02T Ag1B	97.3(6)
S023 Ag0H S021	107.67(18)	C414 S02T Ag1H	118.9(9)
S027 Ag0H Ag01	100.40(16)	Ag1F S02U Ag14	76.7(2)
S027 Ag0H Ag0C	114.57(18)	Ag1U S02U Ag14	133.2(3)
S027 Ag0H Ag0Q	137.86(14)	Ag1U S02U Ag1F	86.6(2)
S027 Ag0H S021	97.27(18)	Ag2 S02U Ag14	80.9(3)
S027 Ag0H S023	151.81(19)	Ag2 S02U Ag1F	133.2(3)
Ag03 Ag0I Ag0N	54.38(5)	Ag2 S02U Ag1U	79.6(3)
Ag03 Ag0I Ag0P	55.33(5)	C0EA S02U Ag14	127.5(5)
Ag03 Ag0I Ag0Q	102.56(7)	C0EA S02U Ag1F	108.0(6)
Ag03 Ag0I Ag0T	111.17(7)	C0EA S02U Ag1U	99.2(4)
Ag04 Ag0I Ag03	54.57(5)	C0EA S02U Ag2	118.2(6)
Ag04 Ag0I Ag0N	56.66(5)	Ag1J S02V Ag1O	74.2(2)
Ag04 Ag0I Ag0P	61.33(6)	Ag1J S02V Ag1S	122.7(3)
Ag04 Ag0I Ag0Q	57.62(5)	Ag1S S02V Ag1O	123.0(3)
Ag04 Ag0I Ag0T	87.43(6)	C50 S02V Ag1J	111.4(5)
Ag0P Ag0I Ag0N	103.79(7)	C50 S02V Ag1O	119.1(6)
Ag0Q Ag0I Ag0N	109.43(7)	C50 S02V Ag1S	104.6(5)

Ag0Q Ag0I Ag0P 62.61(5)	Ag18 S02W Ag1T 84.9(3)
Ag0T Ag0I Ag0N 56.79(6)	Ag1G S02W Ag18 80.7(2)
Ag0T Ag0I Ag0P 148.47(8)	Ag1G S02W Ag1T 131.5(3)
Ag0T Ag0I Ag0Q 98.29(6)	Ag1O S02W Ag18 134.1(3)
S021 Ag0I Ag03 133.47(13)	Ag1O S02W Ag1G 75.9(2)
S021 Ag0I Ag04 79.41(13)	Ag1O S02W Ag1T 81.9(3)
S021 Ag0I Ag0N 96.84(12)	C9OA S02W Ag18 120.2(5)
S021 Ag0I Ag0P 111.05(13)	C9OA S02W Ag1G 117.1(6)
S021 Ag0I Ag0Q 48.48(12)	C9OA S02W Ag1O 105.7(5)
S021 Ag0I Ag0T 54.50(12)	C9OA S02W Ag1T 110.3(6)
S022 Ag0I Ag03 87.63(14)	Ag1M S02X Ag1I 71.4(2)
S022 Ag0I Ag04 114.18(16)	Ag1M S02X Ag1Q 121.1(4)
S022 Ag0I Ag0N 139.97(14)	Ag1Q S02X Ag1I 72.7(2)
S022 Ag0I Ag0P 52.88(15)	C88 S02X Ag1I 98.7(7)
S022 Ag0I Ag0Q 89.01(13)	C88 S02X Ag1M 114.6(7)
S022 Ag0I Ag0T 157.53(16)	C88 S02X Ag1Q 115.8(6)
S022 Ag0I S021 120.92(17)	Ag13 S02Y Ag17 75.31(18)
S022 Ag0I S02D 110.3(2)	Ag1N S02Y Ag13 134.1(3)
S02D Ag0I Ag03 106.10(16)	Ag1N S02Y Ag17 82.3(2)
S02D Ag0I Ag04 129.52(16)	Ag1P S02Y Ag13 82.4(2)
S02D Ag0I Ag0N 74.07(16)	Ag1P S02Y Ag17 134.1(3)
S02D Ag0I Ag0P 151.28(16)	Ag1P S02Y Ag1N 85.5(2)
S02D Ag0I Ag0Q 145.79(16)	C4EA S02Y Ag13 110.9(8)
S02D Ag0I Ag0T 53.94(15)	C4EA S02Y Ag17 107.8(7)
S02D Ag0I S021 97.57(19)	C4EA S02Y Ag1N 113.9(8)
Ag02 Ag0J Ag05 58.22(6)	C4EA S02Y Ag1P 117.6(8)
Ag02 Ag0J Ag07 119.07(7)	Ag1B S02Z Ag1H 76.2(2)
Ag02 Ag0J Ag0D 60.63(5)	Ag1D S02Z Ag1B 71.0(2)
Ag02 Ag0J Ag0K 119.50(8)	Ag1D S02Z Ag1H 124.3(3)
Ag02 Ag0J Ag0L 121.45(6)	C189 S02Z Ag1B 112.9(18)
Ag02 Ag0J Ag0S 57.84(5)	C189 S02Z Ag1D 105.7(16)
Ag02 Ag0J Ag14 60.58(6)	C189 S02Z Ag1H 128.4(13)
Ag02 Ag0J Ag1D 62.11(6)	C110 P030 Ag19 109.8(9)
Ag02 Ag0J Ag1F 123.07(7)	C110 P030 C1FA 104.1(10)
Ag05 Ag0J Ag0D 59.17(5)	C1FA P030 Ag19 116.1(7)
Ag05 Ag0J Ag0L 88.39(6)	C550 P030 Ag19 116.1(6)
Ag05 Ag0J Ag14 113.63(7)	C550 P030 C110 99.9(11)
Ag05 Ag0J Ag1D 108.54(7)	C550 P030 C1FA 108.9(9)
Ag05 Ag0J Ag1F 149.50(8)	Ag1J S031 Ag1P 127.7(5)
Ag06 Ag0J Ag02 175.99(9)	Ag1N S031 Ag1J 74.6(3)

Ag06	Ag0J	Ag05	118.11(7)	Ag1N	S031	Ag1P	80.1(4)
Ag06	Ag0J	Ag07	57.21(5)	Ag1V	S031	Ag1J	88.4(4)
Ag06	Ag0J	Ag0D	119.61(7)	Ag1V	S031	Ag1N	129.9(5)
Ag06	Ag0J	Ag0K	58.09(6)	Ag1V	S031	Ag1P	74.1(3)
Ag06	Ag0J	Ag0L	58.63(5)	C105	S031	Ag1J	123.9(6)
Ag06	Ag0J	Ag0S	119.90(7)	C105	S031	Ag1N	100.5(6)
Ag06	Ag0J	Ag14	121.86(7)	C105	S031	Ag1P	105.1(6)
Ag06	Ag0J	Ag1D	121.72(8)	C105	S031	Ag1V	127.2(6)
Ag06	Ag0J	Ag1F	58.95(6)	Ag1I	S032	Ag1Q	70.0(2)
Ag07	Ag0J	Ag05	60.91(5)	Ag1P	S032	Ag1I	71.5(2)
Ag07	Ag0J	Ag0D	90.90(6)	Ag1P	S032	Ag1Q	121.3(4)
Ag07	Ag0J	Ag0L	58.13(5)	C66	S032	Ag1I	103.3(11)
Ag07	Ag0J	Ag14	153.78(8)	C66	S032	Ag1P	113.0(10)
Ag07	Ag0J	Ag1D	146.51(7)	C66	S032	Ag1Q	117.8(9)
Ag07	Ag0J	Ag1F	107.53(7)	C4PA	P034	Ag1H	118.1(7)
Ag0D	Ag0J	Ag0L	60.98(5)	C6QA	P034	Ag1H	108.6(9)
Ag0D	Ag0J	Ag14	108.38(7)	C6QA	P034	C4PA	103.5(10)
Ag0D	Ag0J	Ag1D	59.42(6)	C6QA	P034	C140	105.0(8)
Ag0D	Ag0J	Ag1F	151.12(9)	C140	P034	Ag1H	121.3(7)
Ag0K	Ag0J	Ag05	95.18(7)	C140	P034	C4PA	98.4(7)
Ag0K	Ag0J	Ag07	63.10(5)	Ag1G	S035	Ag1S	121.4(4)
Ag0K	Ag0J	Ag0D	151.12(8)	Ag1G	S035	Ag1W	74.0(3)
Ag0K	Ag0J	Ag0L	109.22(7)	Ag1W	S035	Ag1S	75.1(3)
Ag0K	Ag0J	Ag0S	61.81(6)	C0TA	S035	Ag1G	114.7(9)
Ag0K	Ag0J	Ag14	93.47(7)	C0TA	S035	Ag1S	121.3(9)
Ag0K	Ag0J	Ag1D	148.96(8)	C0TA	S035	Ag1W	106.6(6)
Ag0K	Ag0J	Ag1F	56.31(6)	Ag1T	S036	Ag1O	81.4(4)
Ag0L	Ag0J	Ag1F	109.90(7)	Ag2	S036	Ag1O	147.2(6)
Ag0S	Ag0J	Ag05	67.15(6)	Ag2	S036	Ag1T	80.9(5)
Ag0S	Ag0J	Ag07	96.22(7)	C97	S036	Ag1O	111.8(7)
Ag0S	Ag0J	Ag0D	112.71(7)	C97	S036	Ag1T	102.7(6)
Ag0S	Ag0J	Ag0L	151.79(8)	C97	S036	Ag2	98.9(7)
Ag0S	Ag0J	Ag14	60.37(7)	C2GA	P038	Ag1Q	119.5(6)
Ag0S	Ag0J	Ag1D	108.90(7)	C2GA	P038	C71	101.2(7)
Ag0S	Ag0J	Ag1F	87.78(7)	C89	P038	Ag1Q	114.7(13)
Ag14	Ag0J	Ag0L	147.10(8)	C89	P038	C2GA	104.7(8)
Ag14	Ag0J	Ag1D	59.10(6)	C89	P038	C71	109.1(14)
Ag14	Ag0J	Ag1F	63.10(6)	C71	P038	Ag1Q	106.5(8)
Ag1D	Ag0J	Ag0L	91.61(7)	Ag1N	S03B	Ag1S	120.2(7)
Ag1D	Ag0J	Ag1F	95.53(7)	Ag1N	S03B	Ag1W	77.1(4)

Ag06 Ag0K Ag07	56.20(5)	Ag1W S03B Ag1S	74.3(4)
Ag06 Ag0K Ag09	116.64(6)	C5CA S03B Ag1N	124.0(7)
Ag06 Ag0K Ag0G	59.86(6)	C5CA S03B Ag1S	115.3(7)
Ag06 Ag0K Ag0J	59.70(6)	C5CA S03B Ag1W	112.6(7)
Ag06 Ag0K Ag0O	121.29(8)	C4OA P03G Ag1S	117.5(10)
Ag06 Ag0K Ag0S	119.06(7)	C4OA P03G C287	101.6(8)
Ag06 Ag0K Ag1A	64.66(6)	C4OA P03G C5OA	108.0(8)
Ag06 Ag0K Ag1F	63.62(7)	C287 P03G Ag1S	121.1(9)
Ag06 Ag0K Ag1U	126.36(10)	C5OA P03G Ag1S	108.4(9)
Ag07 Ag0K Ag1U	177.24(10)	C5OA P03G C287	98.2(7)
Ag09 Ag0K Ag07	60.50(5)	C13 C9 S024	119.5(11)
Ag09 Ag0K Ag0S	59.70(6)	C13 C9 C19	120.0
Ag09 Ag0K Ag1U	116.98(10)	C19 C9 S024	120.4(11)
Ag0B Ag0K Ag06	173.57(7)	C43 C13 C9	120.0
Ag0B Ag0K Ag07	117.67(7)	C13 C43 C63	120.0
Ag0B Ag0K Ag09	57.17(5)	C43 C63 C326	120.0
Ag0B Ag0K Ag0G	119.70(8)	C43 C63 C95	118.8(15)
Ag0B Ag0K Ag0J	116.25(7)	C326 C63 C95	121.2(15)
Ag0B Ag0K Ag0O	58.50(6)	C19 C326 C63	120.0
Ag0B Ag0K Ag0S	57.21(6)	C326 C19 C9	120.0
Ag0B Ag0K Ag1A	121.39(7)	C54 C12 S021	121.8(11)
Ag0B Ag0K Ag1F	120.46(8)	C54 C12 C62	120.0
Ag0B Ag0K Ag1U	59.81(8)	C62 C12 S021	116.9(11)
Ag0G Ag0K Ag07	58.08(5)	C14 C54 C12	120.0
Ag0G Ag0K Ag09	89.61(6)	C56 C14 C54	120.0
Ag0G Ag0K Ag0S	146.24(7)	C14 C56 C534	120.0
Ag0G Ag0K Ag1A	63.39(6)	C14 C56 C74	114.2(15)
Ag0G Ag0K Ag1U	121.68(8)	C534 C56 C74	125.8(15)
Ag0J Ag0K Ag07	58.80(5)	C62 C534 C56	120.0
Ag0J Ag0K Ag09	86.27(6)	C534 C62 C12	120.0
Ag0J Ag0K Ag0G	108.77(7)	C31 C15 S027	121.1(6)
Ag0J Ag0K Ag0O	144.58(7)	C31 C15 C98	120.0
Ag0J Ag0K Ag0S	59.36(6)	C98 C15 S027	118.6(6)
Ag0J Ag0K Ag1A	116.00(8)	C165 C31 C15	120.0
Ag0J Ag0K Ag1F	67.52(7)	C31 C165 C8DA	120.0
Ag0J Ag0K Ag1U	122.92(9)	C165 C8DA C2KA	112.3(13)
Ag0O Ag0K Ag07	91.22(6)	C9DA C8DA C165	120.0
Ag0O Ag0K Ag09	60.97(6)	C9DA C8DA C2KA	127.6(13)
Ag0O Ag0K Ag0G	61.45(6)	C98 C9DA C8DA	120.0
Ag0O Ag0K Ag0S	108.24(8)	C9DA C98 C15	120.0

Ag0O Ag0K Ag1A 90.90(7)	C65 C22 S022 119.5(10)
Ag0O Ag0K Ag1U 86.42(8)	C65 C22 C247 120.0
Ag0S Ag0K Ag07 92.15(6)	C247 C22 S022 120.2(10)
Ag0S Ag0K Ag1U 87.25(8)	C26 C65 C22 120.0
Ag1A Ag0K Ag07 110.88(7)	C65 C26 C18 120.0
Ag1A Ag0K Ag09 148.78(8)	C26 C18 C6LA 118.6(13)
Ag1A Ag0K Ag0S 149.94(8)	C7CA C18 C26 120.0
Ag1A Ag0K Ag1U 70.61(9)	C7CA C18 C6LA 121.4(13)
Ag1F Ag0K Ag07 112.96(8)	C18 C7CA C247 120.0
Ag1F Ag0K Ag09 149.69(8)	C7CA C247 C22 120.0
Ag1F Ag0K Ag0G 112.50(8)	C8 C32 S01Z 119.0(12)
Ag1F Ag0K Ag0O 147.60(8)	C8 C32 C1AA 120.0
Ag1F Ag0K Ag0S 92.70(8)	C1AA C32 S01Z 120.4(12)
Ag1F Ag0K Ag1A 61.10(7)	C58 C8 C32 120.0
Ag1F Ag0K Ag1U 69.77(9)	C8 C58 C59 120.0
Ag06 Ag0L Ag07 54.88(5)	C58 C59 C2AA 120.2(15)
Ag06 Ag0L Ag0D 109.99(7)	C27 C59 C58 120.0
Ag06 Ag0L Ag0F 104.40(7)	C27 C59 C2AA 119.8(15)
Ag06 Ag0L Ag0J 54.12(5)	C59 C27 C1AA 120.0
Ag07 Ag0L Ag0D 86.36(6)	C27 C1AA C32 120.0
Ag07 Ag0L Ag0F 57.72(5)	C79 C37 S023 118.5(12)
Ag07 Ag0L Ag0J 55.92(5)	C79 C37 C8AA 120.0
Ag0D Ag0L Ag0J 55.87(5)	C8AA C37 S023 121.3(12)
Ag0F Ag0L Ag0D 95.52(6)	C6AA C79 C37 120.0
Ag0F Ag0L Ag0J 107.66(7)	C8EA C6AA C79 120.0
Ag0X Ag0L Ag06 57.44(6)	C6AA C8EA C7AA 120.0
Ag0X Ag0L Ag07 62.01(6)	C6AA C8EA C8IA 118.5(16)
Ag0X Ag0L Ag0D 147.88(8)	C7AA C8EA C8IA 121.5(16)
Ag0X Ag0L Ag0F 63.90(6)	C8EA C7AA C8AA 120.0
Ag0X Ag0L Ag0J 104.88(7)	C7AA C8AA C37 120.0
S01Z Ag0L Ag06 136.38(13)	C427 C85 S02S 119.5(7)
S01Z Ag0L Ag07 82.55(13)	C427 C85 C456 120.0
S01Z Ag0L Ag0D 52.14(12)	C456 C85 S02S 120.5(7)
S01Z Ag0L Ag0F 49.82(13)	C85 C427 C371 120.0
S01Z Ag0L Ag0J 96.27(12)	C159 C371 C427 120.0
S01Z Ag0L Ag0X 113.70(14)	C371 C159 C234 120.0
S028 Ag0L Ag06 101.96(14)	C371 C159 C5LA 123(2)
S028 Ag0L Ag07 125.32(15)	C234 C159 C5LA 117(2)
S028 Ag0L Ag0D 53.05(14)	C456 C234 C159 120.0
S028 Ag0L Ag0F 144.67(14)	C234 C456 C85 120.0

S028	Ag0L	Ag0J	70.31(14)	C411	C88	S02X	118.9(7)
S028	Ag0L	Ag0X	151.42(14)	C411	C88	C327	120.0
S028	Ag0L	S01Z	94.87(18)	C327	C88	S02X	121.1(7)
S02A	Ag0L	Ag06	89.39(14)	C88	C411	C3HA	120.0
S02A	Ag0L	Ag07	118.08(16)	C2HA	C3HA	C411	120.0
S02A	Ag0L	Ag0D	155.16(16)	C3HA	C2HA	C39	120.0
S02A	Ag0L	Ag0F	94.40(16)	C3HA	C2HA	C9PA	118.5(7)
S02A	Ag0L	Ag0J	140.60(15)	C39	C2HA	C9PA	121.2(7)
S02A	Ag0L	Ag0X	56.08(15)	C327	C39	C2HA	120.0
S02A	Ag0L	S01Z	122.56(19)	C39	C327	C88	120.0
S02A	Ag0L	S028	109.0(2)	C45	C2BA	S02L	127.1(17)
Ag08	Ag0M	Ag0U	63.57(6)	C45	C2BA	C4BA	120.0
Ag08	Ag0M	Ag0V	63.20(6)	C4BA	C2BA	S02L	111.7(17)
Ag08	Ag0M	Ag10	59.53(5)	C2BA	C45	C3BA	120.0
Ag08	Ag0M	Ag11	72.90(6)	C77	C3BA	C45	120.0
Ag08	Ag0M	Ag17	58.73(6)	C3BA	C77	C38	120.0
Ag08	Ag0M	Ag1G	114.39(7)	C3BA	C77	C4HA	118(2)
Ag08	Ag0M	Ag1J	124.89(7)	C38	C77	C4HA	121(2)
Ag08	Ag0M	Ag1N	116.11(9)	C77	C38	C4BA	120.0
Ag08	Ag0M	Ag1O	121.48(9)	C38	C4BA	C2BA	120.0
Ag08	Ag0M	Ag1W	132.78(10)	C1CA	C0CA	S02D	112(3)
Ag0U	Ag0M	Ag10	115.17(7)	C1CA	C0CA	C17	120.0
Ag0U	Ag0M	Ag11	63.69(7)	C17	C0CA	S02D	127(3)
Ag0U	Ag0M	Ag17	67.01(7)	C0CA	C1CA	C273	120.0
Ag0U	Ag0M	Ag1G	177.75(8)	C280	C273	C1CA	120.0
Ag0U	Ag0M	Ag1J	68.25(6)	C273	C280	C6PA	130(3)
Ag0U	Ag0M	Ag1N	65.68(7)	C2CA	C280	C273	120.0
Ag0U	Ag0M	Ag1O	116.84(8)	C2CA	C280	C6PA	110(3)
Ag0U	Ag0M	Ag1W	123.75(10)	C280	C2CA	C17	120.0
Ag0V	Ag0M	Ag0U	112.68(7)	C2CA	C17	C0CA	120.0
Ag0V	Ag0M	Ag10	64.94(6)	C3AA	C5AA	C9CA	120.0
Ag0V	Ag0M	Ag11	63.63(7)	C5AA	C3AA	S020	119.5(6)
Ag0V	Ag0M	Ag17	112.94(7)	C4AA	C3AA	S020	119.4(6)
Ag0V	Ag0M	Ag1G	65.15(7)	C4AA	C3AA	C5AA	120.0
Ag0V	Ag0M	Ag1J	116.96(9)	C3AA	C4AA	C0DA	120.0
Ag0V	Ag0M	Ag1N	178.16(9)	C24	C0DA	C4AA	120.0
Ag0V	Ag0M	Ag1O	65.14(7)	C0DA	C24	C4MA	119.2(7)
Ag0V	Ag0M	Ag1W	122.14(9)	C9CA	C24	C0DA	120.0
Ag10	Ag0M	Ag17	58.61(6)	C9CA	C24	C4MA	120.6(7)
Ag10	Ag0M	Ag1G	63.61(6)	C24	C9CA	C5AA	120.0

Ag10 Ag0M Ag1N 116.36(8)	C6DA C7DA S02O 120(2)
Ag11 Ag0M Ag10 121.10(7)	C6DA C7DA C102 120.0
Ag11 Ag0M Ag17 121.94(8)	C102 C7DA S02O 120(2)
Ag11 Ag0M Ag1G 115.08(9)	C68 C6DA C7DA 120.0
Ag11 Ag0M Ag1J 62.69(7)	C6DA C68 C91 120.0
Ag11 Ag0M Ag1N 114.59(8)	C68 C91 C178 121.7(18)
Ag11 Ag0M Ag1O 60.78(8)	C5DA C91 C68 120.0
Ag11 Ag0M Ag1W 154.30(10)	C5DA C91 C178 118.3(18)
Ag17 Ag0M Ag1G 113.01(7)	C102 C5DA C91 120.0
Ag17 Ag0M Ag1N 67.41(7)	C5DA C102 C7DA 120.0
Ag1J Ag0M Ag10 175.53(8)	C117 C75 S029 117.6(13)
Ag1J Ag0M Ag17 122.19(9)	C117 C75 C284 120.0
Ag1J Ag0M Ag1G 113.08(8)	C284 C75 S029 121.6(12)
Ag1J Ag0M Ag1N 61.84(8)	C388 C117 C75 120.0
Ag1N Ag0M Ag1G 116.50(8)	C117 C388 C118 120.0
Ag1O Ag0M Ag10 117.73(9)	C388 C118 C10A 120.0(8)
Ag1O Ag0M Ag17 176.03(9)	C186 C118 C388 120.0
Ag1O Ag0M Ag1G 63.10(8)	C186 C118 C10A 120.0(8)
Ag1O Ag0M Ag1J 61.32(8)	C118 C186 C284 120.0
Ag1O Ag0M Ag1N 114.63(8)	C186 C284 C75 120.0
Ag1O Ag0M Ag1W 97.43(11)	C8BA C4EA S02Y 118.4(16)
Ag1W Ag0M Ag10 79.93(8)	C8BA C4EA C7BA 120.0
Ag1W Ag0M Ag17 80.61(10)	C7BA C4EA S02Y 121.1(16)
Ag1W Ag0M Ag1G 58.23(9)	C9BA C8BA C4EA 120.0
Ag1W Ag0M Ag1J 95.79(9)	C8BA C9BA C5EA 120.0
Ag1W Ag0M Ag1N 59.65(8)	C9BA C5EA C4IA 118(2)
Ag03 Ag0N Ag04 56.84(5)	C6BA C5EA C9BA 120.0
Ag03 Ag0N Ag0E 116.90(7)	C6BA C5EA C4IA 122(2)
Ag03 Ag0N Ag0I 59.46(5)	C5EA C6BA C7BA 120.0
Ag03 Ag0N Ag0O 59.03(6)	C6BA C7BA C4EA 120.0
Ag03 Ag0N Ag0T 118.80(7)	C328 C7EA S02B 120.3(7)
Ag03 Ag0N Ag0W 120.00(8)	C328 C7EA C478 120.0
Ag03 Ag0N Ag12 124.02(7)	C478 C7EA S02B 119.6(7)
Ag03 Ag0N Ag1E 59.60(6)	C7EA C328 C232 120.0
Ag04 Ag0N Ag0E 60.08(5)	C218 C232 C328 120.0
Ag04 Ag0N Ag0I 58.35(5)	C232 C218 C503 120.0
Ag04 Ag0N Ag0T 90.04(6)	C232 C218 C84 121.0(16)
Ag04 Ag0N Ag0W 95.72(7)	C503 C218 C84 119.0(16)
Ag04 Ag0N Ag12 151.41(9)	C478 C503 C218 120.0
Ag04 Ag0N Ag1E 108.45(7)	C503 C478 C7EA 120.0

Ag0A Ag0N Ag03	174.72(8)	C464 C404 S02H	121.8(10)
Ag0A Ag0N Ag04	118.01(7)	C464 C404 C584	120.0
Ag0A Ag0N Ag0E	58.00(5)	C584 C404 S02H	118.2(10)
Ag0A Ag0N Ag0I	119.75(7)	C452 C464 C404	120.0
Ag0A Ag0N Ag0O	118.55(8)	C6CA C452 C464	120.0
Ag0A Ag0N Ag0T	60.60(6)	C452 C6CA C1BA	120.0
Ag0A Ag0N Ag0W	57.73(6)	C452 C6CA C152	119.5(7)
Ag0A Ag0N Ag12	59.63(6)	C1BA C6CA C152	119.3(8)
Ag0A Ag0N Ag1E	123.87(7)	C6CA C1BA C584	120.0
Ag0E Ag0N Ag0I	87.00(6)	C1BA C584 C404	120.0
Ag0E Ag0N Ag0T	58.83(6)	C0AA C5BA S025	121.0(10)
Ag0E Ag0N Ag0W	66.97(6)	C0AA C5BA C10	120.0
Ag0E Ag0N Ag12	111.55(7)	C10 C5BA S025	119.0(10)
Ag0E Ag0N Ag1E	150.77(9)	C5BA C0AA C64	120.0
Ag0I Ag0N Ag1E	110.46(7)	C20 C64 C0AA	120.0
Ag0O Ag0N Ag04	63.68(6)	C64 C20 C21	120.0
Ag0O Ag0N Ag0E	94.63(7)	C64 C20 C29	123.0(14)
Ag0O Ag0N Ag0I	110.95(7)	C21 C20 C29	117.0(14)
Ag0O Ag0N Ag0T	150.54(7)	C10 C21 C20	120.0
Ag0O Ag0N Ag0W	60.98(6)	C21 C10 C5BA	120.0
Ag0O Ag0N Ag12	91.62(7)	C8CA C129 S02A	119.5(6)
Ag0O Ag0N Ag1E	57.73(6)	C8CA C129 C293	120.0
Ag0T Ag0N Ag0I	59.34(6)	C293 C129 S02A	120.1(6)
Ag0T Ag0N Ag12	109.19(8)	C129 C8CA C3DA	120.0
Ag0T Ag0N Ag1E	150.27(8)	C417 C3DA C8CA	120.0
Ag0W Ag0N Ag0I	150.84(7)	C3DA C417 C82	120.0
Ag0W Ag0N Ag0T	112.44(7)	C3DA C417 C	120.0(7)
Ag0W Ag0N Ag12	57.85(6)	C82 C417 C	120.0(7)
Ag0W Ag0N Ag1E	89.26(7)	C293 C82 C417	120.0
Ag12 Ag0N Ag0I	149.92(8)	C82 C293 C129	120.0
Ag12 Ag0N Ag1E	64.43(6)	C25 C4DA S028	119.6(17)
Ag03 Ag0O Ag04	55.34(5)	C25 C4DA C3EA	120.0
Ag03 Ag0O Ag09	114.90(6)	C3EA C4DA S028	120.4(17)
Ag03 Ag0O Ag0G	58.94(6)	C61 C25 C4DA	120.0
Ag03 Ag0O Ag0K	118.61(7)	C25 C61 C9EA	120.0
Ag03 Ag0O Ag0N	59.43(6)	C61 C9EA C323	120.0
Ag03 Ag0O Ag0W	120.17(8)	C61 C9EA C0KA	119(2)
Ag03 Ag0O Ag0Z	61.44(6)	C323 C9EA C0KA	121(2)
Ag03 Ag0O Ag1E	63.00(6)	C3EA C323 C9EA	120.0
Ag09 Ag0O Ag04	59.58(5)	C323 C3EA C4DA	120.0

Ag09 Ag0O Ag0G 88.41(6)	C6EA C110 P030 122.9(19)
Ag0B Ag0O Ag03 171.84(7)	C6EA C110 C166 120.0
Ag0B Ag0O Ag04 116.49(6)	C166 C110 P030 117.0(19)
Ag0B Ag0O Ag09 56.95(5)	C23 C6EA C110 120.0
Ag0B Ag0O Ag0G 117.80(8)	C6EA C23 C0FA 120.0
Ag0B Ag0O Ag0K 58.30(6)	C23 C0FA C35 124(2)
Ag0B Ag0O Ag0N 117.81(8)	C23 C0FA C329 120.0
Ag0B Ag0O Ag0W 57.57(6)	C329 C0FA C35 116(2)
Ag0B Ag0O Ag0Z 124.92(8)	C166 C329 C0FA 120.0
Ag0B Ag0O Ag1E 123.97(7)	C329 C166 C110 120.0
Ag0G Ag0O Ag04 57.50(5)	C2FA C1FA P030 120.3(7)
Ag0K Ag0O Ag04 89.24(6)	C2FA C1FA C145 120.0
Ag0K Ag0O Ag09 60.52(6)	C145 C1FA P030 118.9(7)
Ag0K Ag0O Ag0G 59.74(6)	C1FA C2FA C444 120.0
Ag0K Ag0O Ag0W 108.40(7)	C583 C444 C2FA 120.0
Ag0K Ag0O Ag0Z 93.27(7)	C444 C583 C305 120.0
Ag0K Ag0O Ag1E 148.68(9)	C444 C583 C263 120.2(8)
Ag0N Ag0O Ag04 58.88(5)	C305 C583 C263 119.8(8)
Ag0N Ag0O Ag09 86.51(6)	C145 C305 C583 120.0
Ag0N Ag0O Ag0G 108.10(7)	C305 C145 C1FA 120.0
Ag0N Ag0O Ag0K 143.61(7)	C252 C550 P030 119.1(7)
Ag0N Ag0O Ag0W 60.75(6)	C252 C550 C574 120.0
Ag0N Ag0O Ag0Z 112.06(8)	C574 C550 P030 120.9(7)
Ag0N Ag0O Ag1E 66.63(7)	C550 C252 C332 120.0
Ag0W Ag0O Ag04 92.71(6)	C4FA C332 C252 120.0
Ag0W Ag0O Ag09 60.09(5)	C332 C4FA C134 120.0
Ag0W Ag0O Ag0G 145.89(7)	C332 C4FA C734 119.3(8)
Ag0Z Ag0O Ag04 108.15(7)	C134 C4FA C734 120.7(8)
Ag0Z Ag0O Ag09 149.28(8)	C4FA C134 C574 120.0
Ag0Z Ag0O Ag0G 63.08(6)	C134 C574 C550 120.0
Ag0Z Ag0O Ag0W 150.21(8)	C3CA C484 S02C 123(2)
Ag0Z Ag0O Ag1E 58.80(7)	C3CA C484 C4CA 120.0
Ag1E Ag0O Ag04 111.63(8)	C4CA C484 S02C 117(2)
Ag1E Ag0O Ag09 150.24(9)	C484 C3CA C392 120.0
Ag1E Ag0O Ag0G 111.28(7)	C3CA C392 C168 120.0
Ag1E Ag0O Ag0W 94.17(8)	C392 C168 C00A 118(2)
Ag03 Ag0P Ag04 54.73(5)	C640 C168 C392 120.0
Ag03 Ag0P Ag0G 57.45(6)	C640 C168 C00A 122(2)
Ag03 Ag0P Ag0I 60.37(6)	C4CA C640 C168 120.0
Ag03 Ag0P Ag0Q 103.03(7)	C640 C4CA C484 120.0

Ag03 Ag0P Ag1L 77.92(7)	C6FA C1EA S02M 121.8(13)
Ag04 Ag0P Ag0Q 55.09(5)	C6FA C1EA C2EA 120.0
Ag04 Ag0P Ag1L 123.37(8)	C2EA C1EA S02M 117.8(13)
Ag0G Ag0P Ag04 56.04(5)	C5FA C6FA C1EA 120.0
Ag0G Ag0P Ag0I 106.21(7)	C3FA C5FA C6FA 120.0
Ag0G Ag0P Ag0Q 102.67(7)	C5FA C3FA C536 120.0
Ag0G Ag0P Ag1L 73.75(7)	C5FA C3FA C226 120.5(7)
Ag0I Ag0P Ag04 57.48(5)	C536 C3FA C226 119.5(7)
Ag0I Ag0P Ag0Q 58.31(5)	C2EA C536 C3FA 120.0
Ag0I Ag0P Ag1L 125.51(8)	C536 C2EA C1EA 120.0
Ag1L Ag0P Ag0Q 175.17(9)	C616 C414 S02T 120.1(7)
S022 Ag0P Ag03 90.67(13)	C616 C414 C470 120.0
S022 Ag0P Ag04 109.52(14)	C470 C414 S02T 119.3(7)
S022 Ag0P Ag0G 148.04(13)	C57 C616 C414 120.0
S022 Ag0P Ag0I 52.07(13)	C9AA C57 C616 120.0
S022 Ag0P Ag0Q 85.64(13)	C57 C9AA C529 120.0
S022 Ag0P Ag1L 99.12(13)	C57 C9AA C2LA 120.4(14)
S029 Ag0P Ag03 119.88(15)	C529 C9AA C2LA 119.6(14)
S029 Ag0P Ag04 125.33(16)	C470 C529 C9AA 120.0
S029 Ag0P Ag0G 75.78(15)	C529 C470 C414 120.0
S029 Ag0P Ag0I 177.01(16)	C187 C402 S02I 118.5(7)
S029 Ag0P Ag0Q 123.71(14)	C187 C402 C0BA 120.0
S029 Ag0P Ag1L 52.62(14)	C0BA C402 S02I 119.6(7)
S029 Ag0P S022 125.1(2)	C402 C187 C438 120.0
Ag01 Ag0Q Ag0F 60.01(5)	C187 C438 C201 120.0
Ag04 Ag0Q Ag01 51.58(4)	C438 C201 C200 120.0
Ag04 Ag0Q Ag0F 86.34(6)	C438 C201 C1HA 117.5(18)
Ag04 Ag0Q Ag0H 95.19(6)	C200 C201 C1HA 122.5(18)
Ag04 Ag0Q Ag0I 59.62(5)	C201 C200 C0BA 120.0
Ag04 Ag0Q Ag0P 60.65(5)	C200 C0BA C402 120.0
Ag0H Ag0Q Ag01 52.08(5)	C319 C7FA S02N 119.6(7)
Ag0H Ag0Q Ag0F 85.03(6)	C319 C7FA C322 120.0
Ag0I Ag0Q Ag01 102.63(6)	C322 C7FA S02N 120.4(7)
Ag0I Ag0Q Ag0F 142.68(7)	C104 C319 C7FA 120.0
Ag0I Ag0Q Ag0H 110.98(6)	C319 C104 C2DA 120.0
Ag0I Ag0Q Ag0P 59.08(5)	C104 C2DA C8NA 118.5(7)
Ag0P Ag0Q Ag01 106.17(6)	C364 C2DA C104 120.0
Ag0P Ag0Q Ag0F 92.30(6)	C364 C2DA C8NA 121.5(7)
Ag0P Ag0Q Ag0H 155.83(7)	C2DA C364 C322 120.0
S020 Ag0Q Ag01 102.34(15)	C364 C322 C7FA 120.0

S020	Ag0Q	Ag04	101.17(14)	C160	C0EA	S02U	118.8(7)
S020	Ag0Q	Ag0F	45.31(14)	C160	C0EA	C195	120.0
S020	Ag0Q	Ag0H	125.45(15)	C195	C0EA	S02U	121.2(7)
S020	Ag0Q	Ag0I	122.24(14)	C0EA	C160	C272	120.0
S020	Ag0Q	Ag0P	64.20(13)	C410	C272	C160	120.0
S021	Ag0Q	Ag01	85.15(14)	C272	C410	C389	120.0
S021	Ag0Q	Ag04	86.19(13)	C272	C410	C0NA	119.0(8)
S021	Ag0Q	Ag0F	140.09(15)	C389	C410	C0NA	120.2(8)
S021	Ag0Q	Ag0H	56.75(13)	C410	C389	C195	120.0
S021	Ag0Q	Ag0I	58.37(13)	C389	C195	C0EA	120.0
S021	Ag0Q	Ag0P	117.41(13)	C8FA	C66	S032	117.8(17)
S021	Ag0Q	S020	171.7(2)	C8FA	C66	C78	120.0
Ag02	Ag0R	Ag10	107.74(7)	C78	C66	S032	121.9(17)
Ag05	Ag0R	Ag02	55.44(5)	C66	C8FA	C246	120.0
Ag05	Ag0R	Ag0D	59.60(5)	C8FA	C246	C244	120.0
Ag05	Ag0R	Ag10	82.63(6)	C246	C244	C895	120.4(8)
Ag0D	Ag0R	Ag02	58.45(5)	C94	C244	C246	120.0
Ag0D	Ag0R	Ag10	141.44(8)	C94	C244	C895	119.6(8)
S024	Ag0R	Ag02	135.59(13)	C244	C94	C78	120.0
S024	Ag0R	Ag05	81.34(13)	C94	C78	C66	120.0
S024	Ag0R	Ag0D	110.63(14)	C222	C189	S02Z	122(4)
S024	Ag0R	Ag10	51.20(13)	C222	C189	C409	120.0
S024	Ag0R	S02B	96.0(2)	C409	C189	S02Z	118(4)
S025	Ag0R	Ag02	79.30(14)	C189	C222	C701	120.0
S025	Ag0R	Ag05	114.83(14)	C317	C701	C222	120.0
S025	Ag0R	Ag0D	57.10(14)	C701	C317	C233	120.0
S025	Ag0R	Ag10	161.30(15)	C701	C317	C736	115(4)
S025	Ag0R	S024	134.51(19)	C233	C317	C736	125(4)
S025	Ag0R	S02B	108.8(2)	C317	C233	C409	120.0
S02B	Ag0R	Ag02	97.28(14)	C233	C409	C189	120.0
S02B	Ag0R	Ag05	120.04(14)	C107	C9FA	S02J	118.9(7)
S02B	Ag0R	Ag0D	152.30(16)	C107	C9FA	C0GA	120.0
S02B	Ag0R	Ag10	53.78(16)	C0GA	C9FA	S02J	120.3(7)
Ag02	Ag0S	Ag05	54.97(5)	C1GA	C107	C9FA	120.0
Ag02	Ag0S	Ag09	112.19(7)	C107	C1GA	C72	120.0
Ag02	Ag0S	Ag0J	59.63(6)	C1GA	C72	C269	119.5(7)
Ag02	Ag0S	Ag0K	118.31(7)	C352	C72	C1GA	120.0
Ag02	Ag0S	Ag0V	58.65(6)	C352	C72	C269	120.5(7)
Ag02	Ag0S	Ag11	118.40(7)	C72	C352	C0GA	120.0
Ag02	Ag0S	Ag14	61.58(6)	C352	C0GA	C9FA	120.0

Ag02 Ag0S Ag1T	62.71(7)	C34 C2GA P038	120.6(7)
Ag02 Ag0S Ag2	119.91(13)	C34 C2GA C262	120.0
Ag09 Ag0S Ag05	57.28(5)	C262 C2GA P038	119.4(7)
Ag09 Ag0S Ag0K	59.88(6)	C2GA C34 C108	120.0
Ag09 Ag0S Ag11	60.83(6)	C510 C108 C34	120.0
Ag09 Ag0S Ag14	146.08(8)	C108 C510 C617	120.0
Ag09 Ag0S Ag1T	148.64(10)	C108 C510 C492	120.3(8)
Ag0B Ag0S Ag02	169.51(9)	C617 C510 C492	119.7(8)
Ag0B Ag0S Ag05	114.54(7)	C510 C617 C262	120.0
Ag0B Ag0S Ag09	57.33(5)	C617 C262 C2GA	120.0
Ag0B Ag0S Ag0J	116.02(8)	C827 C89 P038	124(2)
Ag0B Ag0S Ag0K	57.52(6)	C827 C89 C480	120.0
Ag0B Ag0S Ag0V	117.02(9)	C480 C89 P038	116(2)
Ag0B Ag0S Ag11	58.63(6)	C826 C827 C89	120.0
Ag0B Ag0S Ag14	126.22(8)	C827 C826 C154	120.0
Ag0B Ag0S Ag1T	126.09(8)	C826 C154 C670	121.2(8)
Ag0B Ag0S Ag2	70.55(11)	C957 C154 C826	120.0
Ag0J Ag0S Ag05	56.51(5)	C957 C154 C670	118.7(8)
Ag0J Ag0S Ag09	86.09(7)	C154 C957 C480	120.0
Ag0J Ag0S Ag0K	58.83(6)	C957 C480 C89	120.0
Ag0J Ag0S Ag0V	105.81(6)	C501 C71 P038	119.5(7)
Ag0J Ag0S Ag11	144.30(8)	C501 C71 C507	120.0
Ag0J Ag0S Ag14	61.56(6)	C507 C71 P038	120.5(7)
Ag0J Ag0S Ag1T	112.43(9)	C71 C501 C291	120.0
Ag0K Ag0S Ag05	87.42(6)	C501 C291 C225	120.0
Ag0K Ag0S Ag11	108.49(8)	C291 C225 C146	119.6(8)
Ag0K Ag0S Ag1T	151.31(10)	C676 C225 C291	120.0
Ag0V Ag0S Ag05	56.17(5)	C676 C225 C146	120.3(8)
Ag0V Ag0S Ag09	82.48(7)	C507 C676 C225	120.0
Ag0V Ag0S Ag0K	138.77(8)	C676 C507 C71	120.0
Ag0V Ag0S Ag11	59.78(6)	C42 C4 S02F	121.7(15)
Ag0V Ag0S Ag14	114.36(8)	C42 C4 C4GA	120.0
Ag0V Ag0S Ag1T	68.49(8)	C4GA C4 S02F	118.0(15)
Ag11 Ag0S Ag05	91.93(7)	C157 C42 C4	120.0
Ag11 Ag0S Ag1T	93.20(9)	C3GA C157 C42	120.0
Ag14 Ag0S Ag05	106.25(7)	C157 C3GA C130	120.0
Ag14 Ag0S Ag0K	92.41(7)	C157 C3GA C5HA	120.3(19)
Ag14 Ag0S Ag11	153.01(8)	C130 C3GA C5HA	119.6(19)
Ag14 Ag0S Ag1T	61.97(8)	C4GA C130 C3GA	120.0
Ag1T Ag0S Ag05	110.99(8)	C130 C4GA C4	120.0

Ag2	Ag0S	Ag05	173.42(13)	C237	C5GA	P02P	117.3(18)
Ag2	Ag0S	Ag09	127.86(12)	C237	C5GA	C330	120.0
Ag2	Ag0S	Ag0J	117.94(12)	C330	C5GA	P02P	122.6(18)
Ag2	Ag0S	Ag0K	92.26(11)	C5GA	C237	C8GA	120.0
Ag2	Ag0S	Ag0V	126.19(12)	C7GA	C8GA	C237	120.0
Ag2	Ag0S	Ag11	94.41(12)	C8GA	C7GA	C6GA	120.0
Ag2	Ag0S	Ag14	67.18(12)	C8GA	C7GA	C289	116(2)
Ag2	Ag0S	Ag1T	66.90(12)	C6GA	C7GA	C289	124(2)
Ag0A	Ag0T	Ag0I	120.84(8)	C330	C6GA	C7GA	120.0
Ag0A	Ag0T	Ag0N	57.17(6)	C6GA	C330	C5GA	120.0
Ag0A	Ag0T	Ag13	64.22(6)	C0HA	C558	P02P	120.3(7)
Ag0A	Ag0T	Ag1M	71.27(7)	C0HA	C558	C589	120.0
Ag0E	Ag0T	Ag0A	57.37(5)	C589	C558	P02P	119.2(7)
Ag0E	Ag0T	Ag0I	90.29(7)	C297	C0HA	C558	120.0
Ag0E	Ag0T	Ag0N	60.22(6)	C0HA	C297	C41	120.0
Ag0E	Ag0T	Ag13	60.13(6)	C297	C41	C9GA	120.0
Ag0E	Ag0T	Ag1M	122.27(8)	C297	C41	C8PA	118(2)
Ag0I	Ag0T	Ag1M	94.94(7)	C9GA	C41	C8PA	122(2)
Ag0N	Ag0T	Ag0I	63.86(6)	C589	C9GA	C41	120.0
Ag0N	Ag0T	Ag1M	71.16(7)	C9GA	C589	C558	120.0
Ag13	Ag0T	Ag0I	142.58(8)	C1DA	C822	P02P	115.9(14)
Ag13	Ag0T	Ag0N	111.56(8)	C1DA	C822	C353	120.0
Ag13	Ag0T	Ag1M	119.54(8)	C353	C822	P02P	124.0(14)
S021	Ag0T	Ag0A	133.84(14)	C822	C1DA	C562	120.0
S021	Ag0T	Ag0E	76.56(13)	C757	C562	C1DA	120.0
S021	Ag0T	Ag0I	56.85(12)	C562	C757	C314	121.2(18)
S021	Ag0T	Ag0N	103.97(13)	C580	C757	C314	117.8(18)
S021	Ag0T	Ag13	91.94(13)	C580	C757	C562	120.0
S021	Ag0T	Ag1M	148.04(14)	C353	C580	C757	120.0
S02D	Ag0T	Ag0A	114.16(15)	C580	C353	C822	120.0
S02D	Ag0T	Ag0E	134.93(18)	C495	C40	S02R	135(3)
S02D	Ag0T	Ag0I	54.06(15)	C495	C40	C0SA	120.0
S02D	Ag0T	Ag0N	78.05(17)	C0SA	C40	S02R	105(3)
S02D	Ag0T	Ag13	162.84(17)	C8RA	C495	C40	120.0
S02D	Ag0T	Ag1M	48.50(14)	C495	C8RA	C7PA	120.0
S02D	Ag0T	S021	99.60(18)	C8RA	C7PA	C9RA	120.0
S02D	Ag0T	S02H	110.1(2)	C8RA	C7PA	C7RA	109(3)
S02H	Ag0T	Ag0A	81.42(18)	C9RA	C7PA	C7RA	129(3)
S02H	Ag0T	Ag0E	111.60(19)	C0SA	C9RA	C7PA	120.0
S02H	Ag0T	Ag0I	155.66(19)	C9RA	C0SA	C40	120.0

S02H Ag0T Ag0N	135.93(17)	C77	C4HA	C155	104(3)
S02H Ag0T Ag13	53.01(17)	C77	C4HA	C255	121(2)
S02H Ag0T Ag1M	82.54(15)	C77	C4HA	C348	107(3)
S02H Ag0T S021	116.40(19)	C255	C4HA	C155	108.4(9)
Ag08 Ag0U Ag0W	96.10(7)	C255	C4HA	C348	108.6(9)
Ag08 Ag0U Ag11	68.56(6)	C348	C4HA	C155	108.2(9)
Ag08 Ag0U Ag13	87.78(6)	C3GA	C5HA	C212	111(2)
Ag08 Ag0U Ag17	55.25(5)	C67	C5HA	C3GA	114(2)
Ag08 Ag0U Ag1J	111.14(8)	C67	C5HA	C212	108.5(9)
Ag08 Ag0U Ag1N	108.52(7)	C67	C5HA	C6HA	108.2(9)
Ag08 Ag0U Ag1P	145.58(9)	C6HA	C5HA	C3GA	107(2)
Ag0A Ag0U Ag08	118.72(7)	C6HA	C5HA	C212	108.0(9)
Ag0A Ag0U Ag0E	58.58(5)	C91	C178	C167	109.6(10)
Ag0A Ag0U Ag0W	57.68(6)	C91	C178	C193	110.2(11)
Ag0A Ag0U Ag11	117.92(8)	C91	C178	C381	110.8(11)
Ag0A Ag0U Ag13	59.83(6)	C167	C178	C193	109.3(10)
Ag0A Ag0U Ag17	119.49(8)	C167	C178	C381	108.4(10)
Ag0A Ag0U Ag1J	123.21(7)	C193	C178	C381	108.5(9)
Ag0A Ag0U Ag1N	122.38(9)	C20	C29	C36	115.4(18)
Ag0A Ag0U Ag1P	59.89(7)	C20	C29	C46	108.3(18)
Ag0E Ag0U Ag08	60.22(5)	C20	C29	C204	109.8(19)
Ag0E Ag0U Ag0W	67.30(6)	C46	C29	C36	107.7(8)
Ag0E Ag0U Ag11	98.56(7)	C46	C29	C204	107.8(9)
Ag0E Ag0U Ag13	55.09(6)	C204	C29	C36	107.6(9)
Ag0E Ag0U Ag17	84.00(6)	C209	C6	S02G	118.2(17)
Ag0E Ag0U Ag1J	155.87(10)	C209	C6	C7HA	120.0
Ag0E Ag0U Ag1N	144.35(9)	C7HA	C6	S02G	121.8(17)
Ag0E Ag0U Ag1P	106.24(8)	C3IA	C209	C6	120.0
Ag0M Ag0U Ag08	57.26(5)	C209	C3IA	C9HA	120.0
Ag0M Ag0U Ag0A	175.26(9)	C3IA	C9HA	C0IA	118(2)
Ag0M Ag0U Ag0E	117.48(7)	C8HA	C9HA	C3IA	120.0
Ag0M Ag0U Ag0W	119.02(9)	C8HA	C9HA	C0IA	122(2)
Ag0M Ag0U Ag11	58.98(6)	C7HA	C8HA	C9HA	120.0
Ag0M Ag0U Ag13	120.84(7)	C8HA	C7HA	C6	120.0
Ag0M Ag0U Ag17	61.06(6)	C9HA	C0IA	C1IA	112(2)
Ag0M Ag0U Ag1J	59.04(6)	C9HA	C0IA	C288	102(2)
Ag0M Ag0U Ag1N	62.32(7)	C9HA	C0IA	C2IA	116(2)
Ag0M Ag0U Ag1P	124.79(8)	C1IA	C0IA	C288	108.9(9)
Ag0W Ag0U Ag11	60.25(7)	C1IA	C0IA	C2IA	108.7(9)
Ag0W Ag0U Ag13	109.95(7)	C288	C0IA	C2IA	108.4(9)

Ag0W Ag0U Ag17	147.75(7)	C5EA C4IA C30	109(2)
Ag0W Ag0U Ag1J	92.91(8)	C5EA C4IA C207	106(2)
Ag0W Ag0U Ag1N	147.07(8)	C5EA C4IA C268	113(2)
Ag0W Ag0U Ag1P	107.65(7)	C30 C4IA C207	108.4(9)
Ag11 Ag0U Ag13	151.91(7)	C268 C4IA C30	110(2)
Ag11 Ag0U Ag17	112.89(7)	C268 C4IA C207	109.4(9)
Ag11 Ag0U Ag1J	58.33(7)	C5IA C95 C63	107.2(16)
Ag11 Ag0U Ag1N	108.47(8)	C5IA C95 C150	101(2)
Ag11 Ag0U Ag1P	145.24(8)	C106 C95 C63	116.6(19)
Ag17 Ag0U Ag13	59.79(6)	C106 C95 C5IA	109.2(9)
Ag17 Ag0U Ag1P	93.88(7)	C106 C95 C150	107.9(9)
Ag1J Ag0U Ag13	148.90(9)	C150 C95 C63	113.4(16)
Ag1J Ag0U Ag17	110.22(7)	C59 C2AA C6IA	105.8(16)
Ag1J Ag0U Ag1P	92.53(8)	C59 C2AA C7IA	115.9(16)
Ag1N Ag0U Ag13	92.93(8)	C59 C2AA C316	111.0(16)
Ag1N Ag0U Ag17	64.47(6)	C6IA C2AA C7IA	107.9(9)
Ag1N Ag0U Ag1J	58.30(7)	C6IA C2AA C316	108.0(9)
Ag1N Ag0U Ag1P	62.49(7)	C7IA C2AA C316	107.9(9)
Ag1P Ag0U Ag13	61.12(6)	C9IA C8IA C8EA	111.7(18)
Ag02 Ag0V Ag05	58.54(6)	C1JA C8IA C8EA	112.4(19)
Ag02 Ag0V Ag08	118.79(7)	C1JA C8IA C9IA	107.7(9)
Ag02 Ag0V Ag0S	57.74(6)	C0JA C8IA C8EA	109.5(18)
Ag02 Ag0V Ag10	118.03(7)	C0JA C8IA C9IA	107.3(9)
Ag02 Ag0V Ag11	118.97(8)	C0JA C8IA C1JA	108.0(9)
Ag02 Ag0V Ag1G	120.62(8)	C11 C2JA S02K	126.0(15)
Ag02 Ag0V Ag1O	121.83(9)	C11 C2JA C215	120.0
Ag05 Ag0V Ag0S	66.79(6)	C215 C2JA S02K	114.0(15)
Ag05 Ag0V Ag10	84.58(6)	C2JA C11 C3JA	120.0
Ag05 Ag0V Ag11	99.38(7)	C4JA C3JA C11	120.0
Ag05 Ag0V Ag1G	142.16(8)	C3JA C4JA C6JA	119.9(8)
Ag05 Ag0V Ag1O	155.82(9)	C5JA C4JA C3JA	120.0
Ag08 Ag0V Ag05	60.29(6)	C5JA C4JA C6JA	117.6(8)
Ag08 Ag0V Ag0S	96.09(7)	C4JA C5JA C215	120.0
Ag08 Ag0V Ag10	57.02(6)	C5JA C215 C2JA	120.0
Ag08 Ag0V Ag11	68.95(6)	C4JA C6JA C179	102(2)
Ag08 Ag0V Ag1G	108.41(8)	C4JA C6JA C7JA	111.7(19)
Ag08 Ag0V Ag1O	112.59(8)	C4JA C6JA C681	117(2)
Ag0M Ag0V Ag02	176.18(8)	C179 C6JA C681	107.8(9)
Ag0M Ag0V Ag05	117.92(8)	C7JA C6JA C179	109.0(9)
Ag0M Ag0V Ag08	57.63(6)	C7JA C6JA C681	108.8(9)

Ag0M Ag0V Ag0S	120.19(8)	C317	C736	C8JA	106(3)
Ag0M Ag0V Ag10	61.76(6)	C317	C736	C9JA	107(3)
Ag0M Ag0V Ag11	59.20(6)	C317	C736	C376	122(3)
Ag0M Ag0V Ag1G	62.94(7)	C8JA	C736	C9JA	107.0(9)
Ag0M Ag0V Ag1O	60.62(7)	C8JA	C736	C376	107.2(9)
Ag0S Ag0V Ag10	148.71(8)	C9JA	C736	C376	106.9(9)
Ag0S Ag0V Ag11	61.27(6)	C9EA	C0KA	C144	116(2)
Ag0S Ag0V Ag1G	149.11(8)	C9EA	C0KA	C1KA	107.5(18)
Ag0S Ag0V Ag1O	92.55(8)	C9EA	C0KA	C718	106.1(19)
Ag10 Ag0V Ag1G	61.99(6)	C144	C0KA	C1KA	109.1(9)
Ag11 Ag0V Ag10	114.50(8)	C144	C0KA	C718	109.1(9)
Ag11 Ag0V Ag1G	109.97(7)	C718	C0KA	C1KA	108.7(9)
Ag11 Ag0V Ag1O	58.08(7)	C6CA	C152	C132	106(2)
Ag1O Ag0V Ag10	111.64(8)	C176	C152	C6CA	117.1(19)
Ag1O Ag0V Ag1G	61.11(7)	C176	C152	C132	108.3(10)
Ag09 Ag0W Ag0E	56.16(5)	C325	C152	C6CA	108(2)
Ag09 Ag0W Ag11	60.99(6)	C325	C152	C132	108.0(9)
Ag09 Ag0W Ag1V	147.05(8)	C325	C152	C176	108.8(10)
Ag0A Ag0W Ag09	110.48(7)	C6KA	C4KA	S02Q	119(2)
Ag0A Ag0W Ag0E	54.35(5)	C6KA	C4KA	C5KA	120.0
Ag0A Ag0W Ag0N	58.50(6)	C5KA	C4KA	S02Q	121(2)
Ag0A Ag0W Ag0O	116.61(8)	C4KA	C6KA	C158	120.0
Ag0A Ag0W Ag0U	58.10(6)	C7KA	C158	C6KA	120.0
Ag0A Ag0W Ag11	118.08(8)	C158	C7KA	C415	120.1(8)
Ag0A Ag0W Ag12	62.00(7)	C181	C7KA	C158	120.0
Ag0A Ag0W Ag1V	59.56(7)	C181	C7KA	C415	119.9(8)
Ag0A Ag0W S1	101.4(3)	C5KA	C181	C7KA	120.0
Ag0B Ag0W Ag09	57.08(5)	C181	C5KA	C4KA	120.0
Ag0B Ag0W Ag0A	167.50(7)	C7KA	C415	C8KA	113(2)
Ag0B Ag0W Ag0E	113.17(7)	C7KA	C415	C275	108.2(19)
Ag0B Ag0W Ag0N	115.61(8)	C7KA	C415	C385	108(2)
Ag0B Ag0W Ag0O	57.83(6)	C8KA	C415	C275	109.1(9)
Ag0B Ag0W Ag0U	117.22(8)	C8KA	C415	C385	109.7(9)
Ag0B Ag0W Ag11	58.91(6)	C385	C415	C275	109.3(9)
Ag0B Ag0W Ag12	127.14(8)	C72	C269	C9KA	109.5(10)
Ag0B Ag0W Ag1V	131.08(9)	C72	C269	C380	110.8(10)
Ag0B Ag0W S1	87.2(3)	C72	C269	C549	111.1(10)
Ag0E Ag0W Ag1V	106.94(8)	C9KA	C269	C380	108.3(9)
Ag0N Ag0W Ag09	85.26(6)	C9KA	C269	C549	108.6(9)
Ag0N Ag0W Ag0E	56.25(5)	C549	C269	C380	108.4(9)

Ag0N Ag0W Ag0O	58.27(6)	C9AA C2LA C0LA	109.2(10)
Ag0N Ag0W Ag0U	104.43(8)	C9AA C2LA C1LA	111.0(10)
Ag0N Ag0W Ag11	143.43(7)	C9AA C2LA C735	112.1(11)
Ag0N Ag0W Ag1V	109.44(9)	C1LA C2LA C0LA	107.9(9)
Ag0O Ag0W Ag09	60.24(5)	C735 C2LA C0LA	108.4(9)
Ag0O Ag0W Ag0E	86.87(6)	C735 C2LA C1LA	108.1(9)
Ag0O Ag0W Ag0U	138.13(7)	C214 C226 C3FA	103(2)
Ag0O Ag0W Ag11	109.26(8)	C331 C226 C3FA	113(2)
Ag0O Ag0W Ag1V	152.48(8)	C331 C226 C214	107.7(9)
Ag0U Ag0W Ag09	81.98(6)	C331 C226 C717	108.4(10)
Ag0U Ag0W Ag0E	55.32(5)	C717 C226 C3FA	117(2)
Ag0U Ag0W Ag11	60.00(6)	C717 C226 C214	107.4(9)
Ag0U Ag0W Ag1V	66.05(6)	C159 C5LA C304	119(3)
Ag11 Ag0W Ag0E	91.03(6)	C159 C5LA C358	114(2)
Ag11 Ag0W Ag1V	94.48(8)	C159 C5LA C382	104.4(18)
Ag12 Ag0W Ag09	147.39(8)	C358 C5LA C304	106.3(9)
Ag12 Ag0W Ag0E	107.52(8)	C358 C5LA C382	106.7(9)
Ag12 Ag0W Ag0N	63.46(6)	C382 C5LA C304	106.5(9)
Ag12 Ag0W Ag0O	93.40(7)	C16 C6LA C18	106.7(17)
Ag12 Ag0W Ag0U	113.24(9)	C16 C6LA C7LA	108.2(9)
Ag12 Ag0W Ag11	151.61(8)	C16 C6LA C8LA	107.0(9)
Ag12 Ag0W Ag1V	60.04(7)	C7LA C6LA C18	113.4(18)
S1 Ag0W Ag09	119.4(3)	C7LA C6LA C8LA	107.5(9)
S1 Ag0W Ag0E	128.4(3)	C8LA C6LA C18	113.7(16)
S1 Ag0W Ag0N	153.8(3)	C0MA C74 C56	109.9(17)
S1 Ag0W Ag0O	139.7(3)	C0MA C74 C1MA	107.9(9)
S1 Ag0W Ag0U	73.1(3)	C1MA C74 C56	110.4(19)
S1 Ag0W Ag11	58.6(3)	C9LA C74 C56	112.2(19)
S1 Ag0W Ag12	93.1(3)	C9LA C74 C0MA	109.0(9)
S1 Ag0W Ag1V	45.1(3)	C9LA C74 C1MA	107.4(9)
Ag06 Ag0X Ag07	55.10(5)	C3MA C2KA C8DA	108.0(18)
Ag06 Ag0X Ag0F	103.41(7)	C3KA C2KA C8DA	113.5(17)
Ag06 Ag0X Ag0G	56.65(6)	C3KA C2KA C3MA	107.1(9)
Ag06 Ag0X Ag0L	61.34(6)	C3KA C2KA C2MA	107.8(9)
Ag06 Ag0X Ag1R	63.26(8)	C2MA C2KA C8DA	113.2(17)
Ag07 Ag0X Ag0F	55.32(5)	C2MA C2KA C3MA	106.9(9)
Ag07 Ag0X Ag0G	55.75(5)	C24 C4MA C53	107.4(14)
Ag07 Ag0X Ag1R	108.18(9)	C24 C4MA C211	110.0(18)
Ag0F Ag0X Ag1R	163.41(9)	C24 C4MA C282	114.3(15)
Ag0G Ag0X Ag0F	103.23(6)	C53 C4MA C282	108.2(9)

Ag0G Ag0X Ag1R 61.68(7)	C211 C4MA C53 108.7(9)
Ag0L Ag0X Ag07 59.26(5)	C211 C4MA C282 108.1(9)
Ag0L Ag0X Ag0F 58.71(6)	C417 C C6MA 106.2(13)
Ag0L Ag0X Ag0G 107.10(7)	C417 C C7MA 117.6(14)
Ag0L Ag0X Ag1R 116.74(9)	C417 C C5MA 106.3(13)
S029 Ag0X Ag06 117.53(15)	C6MA C C7MA 109.3(9)
S029 Ag0X Ag07 124.96(16)	C6MA C C5MA 109.3(9)
S029 Ag0X Ag0F 125.91(15)	C5MA C C7MA 108.0(8)
S029 Ag0X Ag0G 75.09(15)	C218 C84 C9MA 117(2)
S029 Ag0X Ag0L 174.68(16)	C218 C84 C8MA 99.2(19)
S029 Ag0X Ag1R 59.72(15)	C55 C84 C218 116(2)
S029 Ag0X S02A 121.4(2)	C55 C84 C9MA 108.1(9)
S02A Ag0X Ag06 90.80(16)	C55 C84 C8MA 107.9(9)
S02A Ag0X Ag07 113.42(14)	C8MA C84 C9MA 107.9(9)
S02A Ag0X Ag0F 89.74(14)	C410 C0NA C278 108(2)
S02A Ag0X Ag0G 146.78(16)	C410 C0NA C343 109.1(19)
S02A Ag0X Ag0L 54.17(13)	C278 C0NA C343 107.5(9)
S02A Ag0X Ag1R 99.83(15)	C1NA C0NA C410 116(2)
S022 Ag0Y Ag15 83.83(14)	C1NA C0NA C278 107.9(9)
S022 Ag0Y S02C 96.2(2)	C1NA C0NA C343 108.0(9)
S022 Ag0Y S02S 99.8(2)	C4NA C2NA S02E 119(3)
S02C Ag0Y Ag15 52.65(15)	C4NA C2NA C5NA 120.0
P02P Ag0Y Ag15 150.4(2)	C5NA C2NA S02E 120(3)
P02P Ag0Y S022 123.5(2)	C2NA C4NA C6NA 120.0
P02P Ag0Y S02C 108.1(3)	C4NA C6NA C3NA 120.0
P02P Ag0Y S02S 120.5(3)	C6NA C3NA C173 120(3)
S02S Ag0Y Ag15 57.27(19)	C122 C3NA C6NA 120.0
S02S Ag0Y S02C 105.0(2)	C122 C3NA C173 120(3)
Ag03 Ag0Z Ag0G 56.47(5)	C5NA C122 C3NA 120.0
Ag03 Ag0Z Ag1A 115.85(7)	C122 C5NA C2NA 120.0
Ag0G Ag0Z Ag1A 59.56(6)	C3NA C173 C7NA 112.5(11)
Ag0O Ag0Z Ag03 57.30(5)	C3NA C173 C473 111.0(11)
Ag0O Ag0Z Ag0G 59.34(5)	C3NA C173 C559 110.4(11)
Ag0O Ag0Z Ag1A 86.99(7)	C7NA C173 C473 107.0(9)
Ag1E Ag0Z Ag03 62.35(7)	C559 C173 C7NA 107.7(9)
Ag1E Ag0Z Ag0G 110.01(8)	C559 C173 C473 108.1(9)
Ag1E Ag0Z Ag0O 61.00(7)	C2DA C8NA C9NA 111.4(10)
Ag1E Ag0Z Ag1A 143.81(9)	C2DA C8NA C266 108.3(10)
S02F Ag0Z Ag03 77.49(15)	C2DA C8NA C276 109.0(10)
S02F Ag0Z Ag0G 129.48(15)	C9NA C8NA C266 110.4(9)

S02F Ag0Z Ag0O 113.83(19)	C9NA C8NA C276 109.2(9)
S02F Ag0Z Ag1A 159.16(19)	C266 C8NA C276 108.3(9)
S02F Ag0Z Ag1E 55.74(18)	C168 C0OA C138 108(3)
S02F Ag0Z S02G 104.3(2)	C168 C0OA C257 113(3)
S02G Ag0Z Ag03 99.61(15)	C168 C0OA C553 112(3)
S02G Ag0Z Ag0G 68.07(14)	C168 C0OA C2 107(3)
S02G Ag0Z Ag0O 126.90(15)	C168 C0OA C1 111(3)
S02G Ag0Z Ag1A 59.18(16)	C257 C0OA C138 108.1(9)
S02G Ag0Z Ag1E 154.16(17)	C257 C0OA C553 109.2(9)
S02I Ag0Z Ag03 139.88(16)	C553 C0OA C138 106.9(9)
S02I Ag0Z Ag0G 101.40(16)	C5 C0OA C168 116(3)
S02I Ag0Z Ag0O 82.83(16)	C5 C0OA C2 110.4(15)
S02I Ag0Z Ag1A 51.74(18)	C5 C0OA C1 107.4(14)
S02I Ag0Z Ag1E 104.2(2)	C2 C0OA C1 105.7(13)
S02I Ag0Z S02F 128.5(2)	C118 C1OA C3OA 118.0(14)
S02I Ag0Z S02G 101.4(2)	C118 C1OA C99 104.0(14)
Ag08 Ag10 Ag0M 54.71(5)	C118 C1OA C2OA 110.2(13)
Ag08 Ag10 Ag0R 91.03(7)	C3OA C1OA C99 107.3(8)
Ag08 Ag10 Ag0V 57.10(6)	C2OA C1OA C3OA 109.2(9)
Ag08 Ag10 Ag17 58.38(6)	C2OA C1OA C99 107.6(9)
Ag08 Ag10 Ag1G 106.80(8)	C201 C1HA C33 112(2)
Ag0M Ag10 Ag0R 117.32(8)	C201 C1HA C205 114(2)
Ag0M Ag10 Ag0V 53.30(6)	C201 C1HA C219 105.6(19)
Ag0M Ag10 Ag1G 59.54(6)	C33 C1HA C205 108.1(9)
Ag0R Ag10 Ag1G 92.50(8)	C219 C1HA C33 108.6(9)
Ag0V Ag10 Ag0R 64.06(6)	C219 C1HA C205 108.1(9)
Ag0V Ag10 Ag1G 59.96(6)	C671 C50 S02V 119.6(7)
Ag17 Ag10 Ag0M 61.50(7)	C671 C50 C192 120.0
Ag17 Ag10 Ag0R 144.62(8)	C192 C50 S02V 120.3(7)
Ag17 Ag10 Ag0V 105.72(8)	C50 C671 C4LA 120.0
Ag17 Ag10 Ag1G 112.02(8)	C47 C4LA C671 120.0
S024 Ag10 Ag08 86.34(13)	C4LA C47 C3LA 120.0
S024 Ag10 Ag0M 140.53(13)	C4LA C47 C7OA 119.7(8)
S024 Ag10 Ag0R 50.09(15)	C3LA C47 C7OA 120.3(8)
S024 Ag10 Ag0V 102.73(14)	C192 C3LA C47 120.0
S024 Ag10 Ag17 105.95(16)	C3LA C192 C50 120.0
S024 Ag10 Ag1G 141.24(17)	C47 C7OA C3QA 104.7(19)
S024 Ag10 S02B 94.2(2)	C47 C7OA C229 104(2)
S02B Ag10 Ag08 126.02(15)	C137 C7OA C47 124(2)
S02B Ag10 Ag0M 103.51(14)	C137 C7OA C3QA 107.6(9)

S02B Ag10 Ag0R 52.71(14)	C137 C7OA C229 108.4(9)
S02B Ag10 Ag0V 70.37(13)	C229 C7OA C3QA 106.6(9)
S02B Ag10 Ag17 159.83(15)	C400 C9OA S02W 117.6(7)
S02B Ag10 Ag1G 48.38(13)	C400 C9OA C8OA 120.0
S02R Ag10 Ag08 109.33(17)	C8OA C9OA S02W 122.4(7)
S02R Ag10 Ag0M 78.74(17)	C9OA C400 C0PA 120.0
S02R Ag10 Ag0R 159.40(17)	C416 C0PA C400 120.0
S02R Ag10 Ag0V 129.71(18)	C0PA C416 C547 120.0
S02R Ag10 Ag17 53.09(17)	C0PA C416 C943 119.8(8)
S02R Ag10 Ag1G 84.79(19)	C547 C416 C943 120.2(8)
S02R Ag10 S024 125.9(2)	C8OA C547 C416 120.0
S02R Ag10 S02B 113.3(2)	C547 C8OA C9OA 120.0
Ag09 Ag11 Ag08 53.44(5)	C1PA C97 S036 119.3(7)
Ag09 Ag11 Ag1J 146.17(10)	C1PA C97 C142 120.0
Ag0B Ag11 Ag08 109.32(6)	C142 C97 S036 120.6(7)
Ag0B Ag11 Ag09 55.88(5)	C97 C1PA C538 120.0
Ag0B Ag11 Ag0M 161.36(8)	C2PA C538 C1PA 120.0
Ag0B Ag11 Ag0S 56.26(6)	C538 C2PA C542 119.6(7)
Ag0B Ag11 Ag0U 114.89(8)	C3PA C2PA C538 120.0
Ag0B Ag11 Ag0V 113.91(8)	C3PA C2PA C542 120.4(7)
Ag0B Ag11 Ag0W 56.75(6)	C2PA C3PA C142 120.0
Ag0B Ag11 Ag1J 133.86(8)	C3PA C142 C97 120.0
Ag0B Ag11 Ag1O 131.64(10)	C171 C4PA P034 120.6(7)
Ag0B Ag11 S1 85.8(3)	C171 C4PA C359 120.0
Ag0M Ag11 Ag08 52.05(5)	C359 C4PA P034 119.4(7)
Ag0M Ag11 Ag09 105.49(7)	C199 C171 C4PA 120.0
Ag0M Ag11 Ag0S 115.85(7)	C171 C199 C235 120.0
Ag0M Ag11 Ag0U 57.33(6)	C199 C235 C797 120.0
Ag0M Ag11 Ag0V 57.16(6)	C199 C235 C458 120.6(8)
Ag0M Ag11 Ag0W 116.87(9)	C797 C235 C458 119.4(8)
Ag0M Ag11 Ag1J 61.33(6)	C359 C797 C235 120.0
Ag0M Ag11 Ag1O 62.00(8)	C797 C359 C4PA 120.0
Ag0M Ag11 S1 105.9(3)	C280 C6PA C112 96(2)
Ag0S Ag11 Ag08 86.43(6)	C280 C6PA C5PA 125(3)
Ag0S Ag11 Ag09 58.76(6)	C280 C6PA C230 109(2)
Ag0S Ag11 Ag1J 154.51(10)	C112 C6PA C230 108.5(9)
Ag0U Ag11 Ag08 54.84(5)	C5PA C6PA C112 108.6(9)
Ag0U Ag11 Ag09 81.05(7)	C5PA C6PA C230 108.2(9)
Ag0U Ag11 Ag0S 136.83(8)	C2HA C9PA C1QA 109(2)
Ag0U Ag11 Ag0W 59.75(6)	C2HA C9PA C228 111.2(19)

Ag0U Ag11 Ag1J	65.54(7)	C2HA C9PA C0QA	112.3(15)
Ag0V Ag11 Ag08	54.46(5)	C1QA C9PA C0QA	107.6(9)
Ag0V Ag11 Ag09	81.01(6)	C228 C9PA C1QA	109.1(9)
Ag0V Ag11 Ag0S	58.95(6)	C228 C9PA C0QA	107.5(9)
Ag0V Ag11 Ag0U	102.72(7)	C9QA C6QA P034	119.4(7)
Ag0V Ag11 Ag0W	137.70(8)	C9QA C6QA C8QA	120.0
Ag0V Ag11 Ag1J	110.39(8)	C8QA C6QA P034	120.0(7)
Ag0W Ag11 Ag08	87.78(7)	C6QA C9QA C1RA	120.0
Ag0W Ag11 Ag09	59.37(6)	C2RA C1RA C9QA	120.0
Ag0W Ag11 Ag0S	105.60(7)	C1RA C2RA C0RA	120.0
Ag0W Ag11 Ag1J	97.04(8)	C1RA C2RA C3RA	120.0(8)
Ag1J Ag11 Ag08	106.31(8)	C0RA C2RA C3RA	120.0(8)
Ag1O Ag11 Ag08	105.48(7)	C8QA C0RA C2RA	120.0
Ag1O Ag11 Ag09	143.66(9)	C0RA C8QA C6QA	120.0
Ag1O Ag11 Ag0S	94.38(9)	C244 C895 C87	105(2)
Ag1O Ag11 Ag0U	112.40(9)	C244 C895 C93	116(2)
Ag1O Ag11 Ag0V	63.40(6)	C244 C895 C4RA	112(2)
Ag1O Ag11 Ag0W	156.78(9)	C87 C895 C93	107.7(9)
Ag1O Ag11 Ag1J	61.25(8)	C4RA C895 C87	108.1(9)
S1 Ag11 Ag08	127.3(3)	C4RA C895 C93	107.7(9)
S1 Ag11 Ag09	117.4(3)	C7PA C7RA C6RA	115(3)
S1 Ag11 Ag0S	137.6(3)	C7PA C7RA C170	111(3)
S1 Ag11 Ag0U	72.8(3)	C7PA C7RA C5RA	110(3)
S1 Ag11 Ag0V	159.2(3)	C170 C7RA C6RA	107.3(9)
S1 Ag11 Ag0W	58.3(2)	C5RA C7RA C6RA	107.1(9)
S1 Ag11 Ag1J	49.0(3)	C5RA C7RA C170	107.3(9)
S1 Ag11 Ag1O	98.9(3)	C825 C4OA P03G	122.0(7)
Ag0A Ag12 Ag0N	55.37(5)	C825 C4OA C685	120.0
Ag0A Ag12 Ag1E	114.57(7)	C685 C4OA P03G	118.0(7)
Ag0A Ag12 Ag1V	60.39(6)	C4OA C825 C182	120.0
Ag0N Ag12 Ag1E	59.36(6)	C7SA C182 C825	120.0
Ag0N Ag12 Ag1V	110.54(8)	C182 C7SA C440	120.6(8)
Ag0W Ag12 Ag0A	56.62(6)	C386 C7SA C182	120.0
Ag0W Ag12 Ag0N	58.69(6)	C386 C7SA C440	119.4(8)
Ag0W Ag12 Ag1E	86.79(7)	C7SA C386 C685	120.0
Ag0W Ag12 Ag1V	66.18(9)	C386 C685 C4OA	120.0
Ag1V Ag12 Ag1E	150.72(11)	C6OA C287 P03G	118.5(7)
S02J Ag12 Ag0A	102.54(15)	C6OA C287 C874	120.0
S02J Ag12 Ag0N	67.06(14)	C874 C287 P03G	121.4(7)
S02J Ag12 Ag0W	124.09(16)	C287 C6OA C290	120.0

S02J	Ag12	Ag1E	52.98(17)	C162	C290	C60A	120.0
S02J	Ag12	Ag1V	153.2(2)	C290	C162	C638	120.0
S02N	Ag12	Ag0A	88.78(17)	C290	C162	C622	118.4(8)
S02N	Ag12	Ag0N	141.44(19)	C638	C162	C622	119.4(8)
S02N	Ag12	Ag0W	116.02(18)	C874	C638	C162	120.0
S02N	Ag12	Ag1E	154.49(16)	C638	C874	C287	120.0
S02N	Ag12	Ag1V	49.84(18)	C686	C50A	P03G	118.8(7)
S02N	Ag12	S02J	114.2(3)	C686	C50A	C5QA	120.0
S02N	Ag12	S02Q	122.0(2)	C5QA	C50A	P03G	121.2(7)
S02Q	Ag12	Ag0A	135.97(18)	C50A	C686	C866	120.0
S02Q	Ag12	Ag0N	95.78(17)	C686	C866	C7QA	120.0
S02Q	Ag12	Ag0W	80.51(18)	C866	C7QA	C613	120.5(8)
S02Q	Ag12	Ag1E	47.14(16)	C712	C7QA	C866	120.0
S02Q	Ag12	Ag1V	113.79(19)	C712	C7QA	C613	119.5(8)
S02Q	Ag12	S02J	92.9(2)	C7QA	C712	C5QA	120.0
Ag0A	Ag13	Ag0U	51.14(5)	C712	C5QA	C50A	120.0
Ag0A	Ag13	Ag17	109.80(8)	C260	C140	P034	122.3(7)
Ag0E	Ag13	Ag0A	55.00(5)	C260	C140	C4SA	120.0
Ag0E	Ag13	Ag0T	59.30(6)	C4SA	C140	P034	117.7(7)
Ag0E	Ag13	Ag0U	54.46(6)	C140	C260	C449	120.0
Ag0E	Ag13	Ag17	83.04(7)	C543	C449	C260	120.0
Ag0T	Ag13	Ag0A	57.57(6)	C449	C543	C5SA	120.0
Ag0T	Ag13	Ag0U	100.71(7)	C449	C543	C6SA	122.1(8)
Ag0T	Ag13	Ag17	141.16(8)	C5SA	C543	C6SA	117.9(8)
Ag17	Ag13	Ag0U	58.77(6)	C543	C5SA	C4SA	120.0
S027	Ag13	Ag0A	136.05(16)	C5SA	C4SA	C140	120.0
S027	Ag13	Ag0E	82.03(14)	C2PA	C542	C2QA	110.6(10)
S027	Ag13	Ag0T	110.77(14)	C2PA	C542	C301	112.6(10)
S027	Ag13	Ag0U	98.47(17)	C2PA	C542	C4QA	109.8(10)
S027	Ag13	Ag17	49.66(16)	C301	C542	C2QA	107.1(9)
S027	Ag13	S02Y	95.6(2)	C4QA	C542	C2QA	108.6(9)
S02H	Ag13	Ag0A	79.66(17)	C4QA	C542	C301	108.0(9)
S02H	Ag13	Ag0E	114.85(17)	C8SA	C105	S031	119.1(7)
S02H	Ag13	Ag0T	57.19(16)	C8SA	C105	C302	120.0
S02H	Ag13	Ag0U	127.33(17)	C302	C105	S031	120.8(7)
S02H	Ag13	Ag17	161.64(17)	C105	C8SA	C499	120.0
S02H	Ag13	S027	133.2(2)	C8SA	C499	C208	120.0
S02H	Ag13	S02Y	111.0(2)	C499	C208	C476	126.1(6)
S02Y	Ag13	Ag0A	96.70(15)	C517	C208	C499	120.0
S02Y	Ag13	Ag0E	117.71(19)	C517	C208	C476	113.2(6)

S02Y	Ag13	Ag0T	151.87(16)	C208	C517	C302	120.0
S02Y	Ag13	Ag0U	64.66(17)	C517	C302	C105	120.0
S02Y	Ag13	Ag17	53.42(17)	C208	C476	C506	110.8(10)
Ag02	Ag14	Ag0J	56.61(5)	C208	C476	C920	101.4(8)
Ag02	Ag14	Ag0S	55.81(6)	C425	C476	C208	113.6(10)
Ag02	Ag14	Ag1D	62.47(6)	C425	C476	C506	112.9(9)
Ag02	Ag14	Ag1F	117.56(8)	C425	C476	C920	110.3(9)
Ag02	Ag14	Ag1T	60.32(7)	C506	C476	C920	107.0(8)
Ag02	Ag14	Ag2	103.88(11)	C416	C943	C133	104(2)
Ag0J	Ag14	Ag1D	63.31(6)	C416	C943	C9SA	120.9(10)
Ag0J	Ag14	Ag1F	61.50(6)	C416	C943	C313	108(2)
Ag0J	Ag14	Ag1T	108.30(9)	C133	C943	C9SA	108.1(9)
Ag0J	Ag14	Ag2	104.40(11)	C133	C943	C313	107.5(9)
Ag0S	Ag14	Ag0J	58.07(6)	C9SA	C943	C313	106.9(9)
Ag0S	Ag14	Ag1D	110.48(8)	C153	C0TA	S035	119.9(7)
Ag0S	Ag14	Ag1F	85.73(7)	C153	C0TA	C430	120.0
Ag0S	Ag14	Ag1T	60.37(10)	C430	C0TA	S035	120.0(7)
Ag0S	Ag14	Ag2	54.42(10)	C0TA	C153	C216	120.0
Ag1D	Ag14	Ag1F	97.06(8)	C217	C216	C153	120.0
Ag1D	Ag14	Ag1T	111.84(9)	C216	C217	C198	120.0
Ag1D	Ag14	Ag2	164.88(12)	C216	C217	C1TA	119.6(7)
Ag1T	Ag14	Ag1F	141.01(12)	C198	C217	C1TA	120.4(7)
Ag1T	Ag14	Ag2	61.95(12)	C430	C198	C217	120.0
Ag2	Ag14	Ag1F	83.34(10)	C198	C430	C0TA	120.0
S02E	Ag14	Ag02	88.31(16)	C217	C1TA	C183	108.2(16)
S02E	Ag14	Ag0J	144.04(16)	C217	C1TA	C502	118.8(16)
S02E	Ag14	Ag0S	110.94(19)	C217	C1TA	C833	106.1(16)
S02E	Ag14	Ag1D	95.31(16)	C183	C1TA	C502	108.8(9)
S02E	Ag14	Ag1F	154.13(17)	C183	C1TA	C833	107.6(9)
S02E	Ag14	Ag1T	50.57(19)	C502	C1TA	C833	106.8(8)
S02E	Ag14	Ag2	90.50(18)	Ag1	S36	Ag1U	68.1(4)
S02E	Ag14	S02K	122.9(2)	C2TA	S36	Ag1U	120.1(12)
S02E	Ag14	S02U	112.9(2)	C2TA	S36	Ag1	121.7(7)
S02K	Ag14	Ag02	110.30(15)	C2TA	S36	Ag2B	137.0(13)
S02K	Ag14	Ag0J	69.95(15)	Ag2A	S36	Ag1U	65.6(8)
S02K	Ag14	Ag0S	124.40(17)	Ag2A	S36	Ag1	97.2(8)
S02K	Ag14	Ag1D	54.85(14)	Ag2A	S36	C2TA	140.5(10)
S02K	Ag14	Ag1F	50.95(16)	Ag2B	S36	Ag1U	102.8(6)
S02K	Ag14	Ag1T	166.33(17)	Ag2B	S36	Ag1	71.0(6)
S02K	Ag14	Ag2	131.70(17)	C3TA	C2TA	S36	117.1(7)

S02K Ag14 S02U 90.3(2)	C3TA C2TA C642 120.0
S02U Ag14 Ag02 136.2(2)	C642 C2TA S36 122.9(7)
S02U Ag14 Ag0J 99.43(16)	C2TA C3TA C4TA 120.0
S02U Ag14 Ag0S 80.52(19)	C3TA C4TA C5TA 120.0
S02U Ag14 Ag1D 144.1(2)	C4TA C5TA C674 118.6(7)
S02U Ag14 Ag1F 48.48(18)	C725 C5TA C4TA 120.0
S02U Ag14 Ag1T 103.3(2)	C725 C5TA C674 121.4(7)
S02U Ag14 Ag2 42.0(2)	C5TA C725 C642 120.0
Ag03 Ag15 Ag0Y 110.85(7)	C725 C642 C2TA 120.0
Ag03 Ag15 Ag1L 77.10(7)	C5TA C674 C8TA 108.4(19)
Ag0Y Ag15 Ag1L 94.04(8)	C5TA C674 C7TA 120.0(12)
Ag1K Ag15 Ag03 63.40(7)	C5TA C674 C6TA 107(2)
Ag1K Ag15 Ag0Y 91.58(9)	C8TA C674 C7TA 106.6(9)
Ag1K Ag15 Ag1L 139.41(9)	C6TA C674 C8TA 107.3(9)
S02C Ag15 Ag03 118.24(16)	C6TA C674 C7TA 106.5(9)
S02C Ag15 Ag0Y 56.89(16)	C2UA C271 C9TA 120.0
S02C Ag15 Ag1K 147.77(18)	C2UA C271 S1 120.3(7)
S02C Ag15 Ag1L 48.61(17)	C2UA C271 Ag2B 86.0(9)
S02C Ag15 S02S 105.7(2)	C9TA C271 S1 119.7(7)
S02F Ag15 Ag03 77.43(15)	C9TA C271 Ag2B 86.2(9)
S02F Ag15 Ag0Y 165.62(19)	S1 C271 Ag2B 99.0(6)
S02F Ag15 Ag1K 81.6(2)	C271 C2UA Ag2B 61.9(7)
S02F Ag15 Ag1L 99.4(2)	C1UA C2UA C271 120.0
S02F Ag15 S02C 130.6(3)	C1UA C2UA Ag2B 98.4(5)
S02F Ag15 S02S 113.1(2)	C2UA C1UA C3UA 120.0
S02S Ag15 Ag03 108.12(16)	C1UA C3UA C0UA 120.0
S02S Ag15 Ag0Y 53.78(16)	C1UA C3UA C601 119.3(7)
S02S Ag15 Ag1K 50.26(17)	C0UA C3UA C601 120.7(7)
S02S Ag15 Ag1L 147.55(17)	C9TA C0UA C3UA 120.0
Ag06 Ag16 Ag19 113.48(8)	C271 C9TA Ag2B 61.8(7)
Ag1C Ag16 Ag06 73.24(7)	C0UA C9TA C271 120.0
Ag1C Ag16 Ag19 92.29(8)	C0UA C9TA Ag2B 98.4(5)
Ag1R Ag16 Ag06 67.03(8)	Ag0W S1 Ag11 63.1(3)
Ag1R Ag16 Ag19 97.08(10)	Ag1J S1 Ag0W 116.9(5)
Ag1R Ag16 Ag1C 139.67(10)	Ag1J S1 Ag11 69.7(3)
S02L Ag16 Ag06 111.45(18)	Ag1V S1 Ag0W 78.0(3)
S02L Ag16 Ag19 54.79(17)	Ag1V S1 Ag11 123.3(5)
S02L Ag16 Ag1C 146.47(18)	Ag1V S1 Ag1J 96.7(5)
S02L Ag16 Ag1R 52.18(19)	C271 S1 Ag0W 123.1(6)
S02M Ag16 Ag06 118.73(16)	C271 S1 Ag11 122.5(6)

S02M Ag16 Ag19 54.33(17)	C271 S1 Ag1J 116.8(6)
S02M Ag16 Ag1C 51.17(16)	C271 S1 Ag1V 112.8(6)
S02M Ag16 Ag1R 151.3(2)	C3UA C601 C123 105.7(16)
S02M Ag16 S02L 103.8(2)	C3UA C601 C177 115.2(16)
S02O Ag16 Ag06 76.96(17)	C3UA C601 C4UA 115.9(12)
S02O Ag16 Ag19 168.78(17)	C123 C601 C177 106.6(8)
S02O Ag16 Ag1C 94.83(17)	C123 C601 C4UA 106.4(8)
S02O Ag16 Ag1R 83.04(19)	C177 C601 C4UA 106.3(8)
S02O Ag16 S02L 118.7(2)	C1SA C5CA S03B 121.1(7)
S02O Ag16 S02M 125.4(3)	C1SA C5CA C419 120.0
Ag08 Ag17 Ag0M 54.23(6)	C419 C5CA S03B 118.9(7)
Ag08 Ag17 Ag0U 56.14(6)	C5CA C1SA C143 120.0
Ag08 Ag17 Ag10 58.60(6)	C901 C143 C1SA 120.0
Ag08 Ag17 Ag13 89.34(7)	C143 C901 C500 120.0
Ag0M Ag17 Ag0U 51.93(6)	C143 C901 C156 121.5(7)
Ag0M Ag17 Ag13 113.36(8)	C500 C901 C156 118.5(7)
Ag0U Ag17 Ag13 61.44(6)	C419 C500 C901 120.0
Ag10 Ag17 Ag0M 59.89(6)	C500 C419 C5CA 120.0
Ag10 Ag17 Ag0U 103.62(8)	C901 C156 C652 111.6(14)
Ag10 Ag17 Ag13 145.56(8)	C901 C156 C2SA 107.0(17)
S027 Ag17 Ag08 87.08(14)	C514 C156 C901 115.8(15)
S027 Ag17 Ag0M 139.91(15)	C514 C156 C652 107.4(9)
S027 Ag17 Ag0U 100.22(13)	C514 C156 C2SA 107.3(9)
S027 Ag17 Ag10 111.75(16)	C652 C156 C2SA 107.4(9)
S027 Ag17 Ag13 49.00(13)	Ag0B Ag2A Ag1 55.9(2)
S027 Ag17 S02Y 93.1(2)	Ag1U Ag2A Ag0B 64.9(2)
S02R Ag17 Ag08 109.90(19)	Ag1U Ag2A Ag1 60.7(3)
S02R Ag17 Ag0M 77.97(19)	S36 Ag2A Ag0B 106.2(7)
S02R Ag17 Ag0U 127.2(2)	S36 Ag2A Ag1U 77.8(9)
S02R Ag17 Ag10 53.47(18)	S36 Ag2A Ag1 50.4(6)
S02R Ag17 Ag13 160.61(19)	Ag1 Ag2B Ag0B 59.71(19)
S02R Ag17 S027 131.6(2)	S36 Ag2B Ag0B 91.8(5)
S02R Ag17 S02Y 113.4(2)	S36 Ag2B Ag1 57.8(4)
S02Y Ag17 Ag08 120.37(16)	S36 Ag2B C271 140.7(9)
S02Y Ag17 Ag0M 97.84(17)	S36 Ag2B C2UA 134.3(6)
S02Y Ag17 Ag0U 65.29(15)	S36 Ag2B C9TA 110.3(8)
S02Y Ag17 Ag10 154.58(18)	C271 Ag2B Ag0B 111.6(5)
S02Y Ag17 Ag13 51.27(15)	C271 Ag2B Ag1 106.5(7)
Ag1B Ag18 Ag02 58.19(6)	C271 Ag2B C2UA 32.1(3)
S02B Ag18 Ag02 96.82(15)	C271 Ag2B C9TA 32.0(3)

S02B Ag18 Ag1B 121.65(16)
S02B Ag18 S02W 96.1(2)
S02T Ag18 Ag02 107.1(2)
S02T Ag18 Ag1B 56.10(19)
S02T Ag18 S02B 143.4(2)
S02T Ag18 S02W 109.5(3)

C2UA Ag2B Ag0B 133.8(5)
C2UA Ag2B Ag1 135.0(8)
C2UA Ag2B C9TA 54.8(4)
C9TA Ag2B Ag0B 113.0(6)
C9TA Ag2B Ag1 80.2(6)