Supplementary Information

Interfacial Atomic Structure of Twisted Few-Layer Graphene

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Σ	L (nm)	$\bar{\theta}$	θ	(m, n)
7	0.65	21.79	21.79	(1, 2)
			38.21	(1, 4)
13	0.89	27.8	32.2	(1, 3)
			27.8	(2, 5)
19	1.07	13.17	46.83	(1, 7)
			13.17	(2, 3)
31	1.37	17.9	42.1	(1, 5)
			17.9	(4, 7)
37	1.49	9.43	50.57	(1, 10)
			9.43	(3, 4)
43	1.61	15.18	44.82	(1, 6)
			15.18	(5, 8)
49	1.72	16.43	43.57	(2, 11)
			16.43	(3, 5)
61	1.92	7.34	52.66	(1, 13)
			7.34	(4, 5)
67	2.01	24.43	35.57	(2, 7)
			24.43	(5, 11)
73	2.10	11.64	48.36	(1, 8)
			11.64	(7, 10)
79	2.18	26.01	26.01	(3, 7)
			33.99	(4, 13)
91	2.34	6.01	53.99	(1, 16)
			6.01	(5, 6)
		10.42	49.58	(1, 9)
			10.42	(8, 11)
97	2.42	29.41	29.41	(3, 8)
			30.59	(5, 14)
103	2.49	19.65	40.35	(2, 9)
			19.65	(7, 13)
109	2.56	10.99	49.01	(2, 17)
			10.99	(5, 7)
127	2.77	5.09	54.91	(1, 19)
			5.09	(6, 7)
133	2.83	8.61	51.39	(1, 11)
			8.61	(10, 13)
		25.04	25.04	(4, 9)
			34.96	(5, 17)
139	2.90	25.46	34.54	(3, 10)
			25.46	(7, 16)

Figure S1 | The list of structure parameters for TBG (Σ≤139), where the parameters are coincidence index Σ, lattice parameter L, twist angle θ, conjugate twist angle $\bar{\theta}$ and a pair index (m, n).

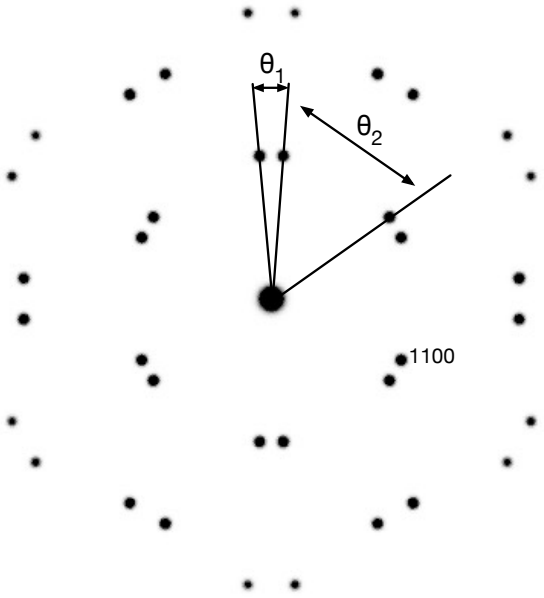

Figure S2 | The electron diffraction pattern calculated from the bilayer graphene Σ(1,10) = 37, where the true twist angle for Σ(1,10) = 37 is 50.57 (=θ_2).

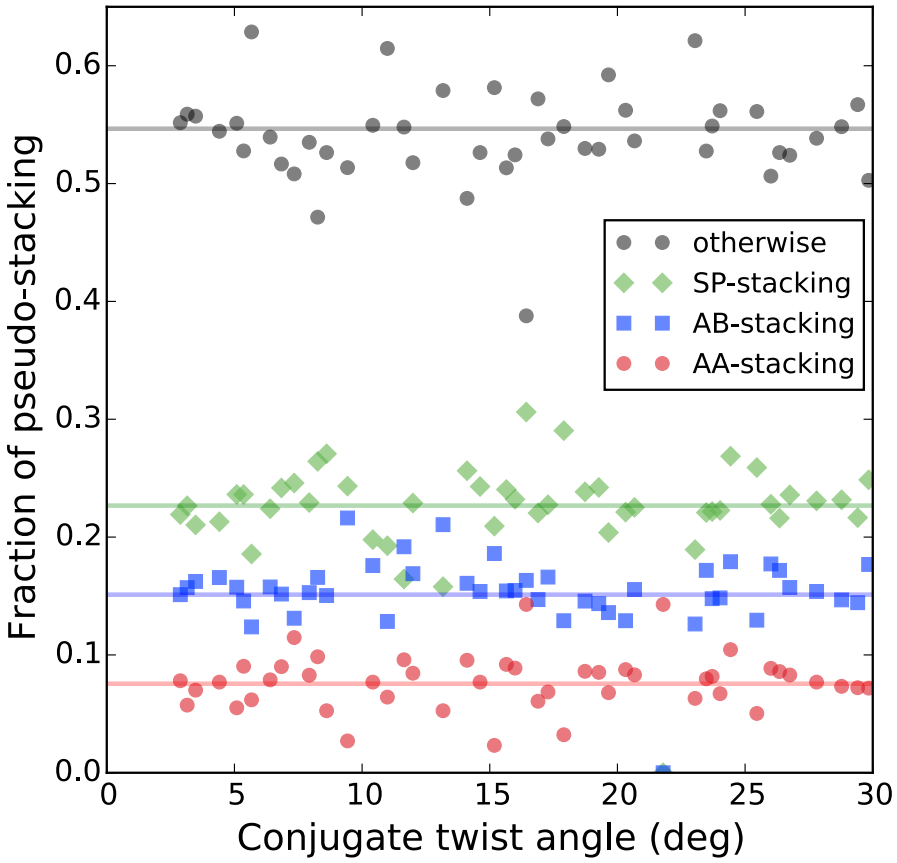

Figure S3 | Fraction of pseudo AA-, AB-, SP- and other-stacking orders as a function of conjugate twist angle. The used angles are calculated from the corresponding coincidence indices (<400) shown in Fig. 3(e). The horizontal colored lines are the estimated fractions with the criterion of $r_0 = a_0/4$ (0.20 Å).