

No.	Code name	Descriptors	Property*	Note or unit
1 Passport				
1	101	Accession number	M	
2	102	Genebank number	M	
3	103	Introduction number	C/Alien germplasm	
4	104	Collecting number	C/Wild and landrace	
5	105	Accession name	M	
6	106	Alien name	M	
7	107	Family	M	
8	108	Genus	M	
9	109	Species	M	
10	110	Country of origin	M	
11	111	Province of origin	M	
12	112	Origin	M	
13	113	Altitude	C/Wild and landrace	m (altitude)
14	114	Longitude	C/Wild and landrace	
15	115	Latitude	C/Wild and landrace	
16	116	Sample source	M	
17	117	Donor institution	M	
18	118	Donor accession number	M	
19	119	Pedigree	C/Improved cultivar or Breeding line	
20	120	Breeding institution	C/Improved cultivar or Breeding line	
21	121	Releasing year	C/Improved cultivar	
22	122	Breeding methods	C/Improved cultivar or Breeding line	
23	123	Germplasm type	M	1: Wild 2: Traditional cultivar/Landrace 3: Advanced/Improved cultivar 4: Breeding line 5: Genetic stock 6: Other
24	124	Propagating type	M	1: Sexual 2: Asexual
25	125	Image filename	O	.jpg
26	126	Experiment location	M	
2 Morphological traits and biological characteristics				
27	201	Plant type	M	1: Shrub 2: Semi-arbor 3: Arbor
28	202	Growth habit	M	1: Erect 2: Semi-erect 3: Horizontal spreading
29	203	Sprouting density	O	1: Sparse 2: Medium 3: Dense
30	204	Date of 'one and a bud'	M	mm/dd
31	205	Date of 'two and a bud'	M	mm/dd
32	206	Young shoot colour	M	1: Whitish 2: Yellow green 3: Light green 4: Green 5: Purple green 0: Absent
33	207	Young shoot pubescence	M	1: Sparse 2: Medium 3: Dense 4: Extremely dense
34	208	Length of 'three and a bud'	M	cm
35	209	Weight of 100 'three and a bud'	M	g (unit of weight)
36	210	Leaf attitude	M	1: Erect 2: Semi-erect 3: Horizontal 4: Drooping

37	211	Leaf length	M	cm
38	212	Leaf width	M	cm
39	213	Leaf size	M	1: Small 2: Medium 3: Large 4: Extremely large
40	214	Leaf shape	M	1: Rounded 2: Ovate 3: Elliptic 4: Oblong 5: Lanceolate
41	215	Number of vein pairs	M	pair
42	216	Leaf colour	M	1: Yellow green 2: Light green 3: Green 4: Dark green
43	217	Leaf upper surface	O	1: Smooth 2: Slightly rugose 3: Rugose
44	218	Leaf cross section	O	1: Convex 2: Flat 3: Concave
45	219	Leaf texture	M	1: Soft 2: Medium 3: Hard
46	220	Sharpness of leaf sawtooth	O	1: Sharp 2: Medium 3: Obtuse
47	221	Density of leaf sawtooth	O	1: Sparse 2: Medium 3: Dense
48	222	Depth of leaf sawtooth	O	1: Flat 2: Medium 3: Deep
49	223	Leaf base shape	O	1: Acute 2: Round
50	224	Leaf apex shape	M	1: Acute 2: Attenuate 3: Blunt 4: Obtuse
51	225	Leaf margin undulation	M	1: Flat 2: Slightly wavy 3: Wavy
52	226	Stage of full blooming	O	
53	227	Number of calyxes	M	
54	228	Calyx color	M	1: Green 2: Purple red
55	229	Calyx pubescence	M	1: Absent 2: Present
56	230	Flower diameter	M	cm
57	231	Petal colour	M	1: White 2: Greenish 3: Pink
58	232	Petal texture	O	1: Thin 2: Medium 3: Thick
59	233	Number of petals	M	
60	234	Ovary pubescence	M	0: Absent 1: Present
61	235	Style length	M	cm
62	236	Number of style splittings	M	
63	237	Position of style splittings	M	1: High 2: Medium 3: Low
64	238	Relative height between gynoecium and androecium	M	1: Gynoecium lower 2: Gynoecium and androecium same height 3: Gynoecium higher
65	239	Fruit shape	O	1: Global 2: Kidney-shaped 3: Triangular 4: Quadrangle 5: Cinquefoil-shaped
66	240	Fruit diameter	O	cm

67	241	Thickness of carpodermis	O	cm 1: Round 2: Semi-round 3: Cone-shaped 4: Like kidney-shaped 5: Irregular
68	242	Seed shape	O	cm 1: Brown 2: Brown grey 3: Grey
69	243	Seed diameter	O	g
70	244	Seed colour	O	
71	245	Weight of 100 seeds	O	
3 Quality characteristics				
72	301	Processing suitability	M	1: Green tea 2: Black tea 3: Oolong tea 4: Unsuitable
73	302	Other processing suitability	O	1: Green tea 2: Black tea 3: Oolong tea 4: None
74	303	Total score of green tea	C/green tea	
75	304	Aroma score of green tea	C/green tea	
76	305	Characteristics of green tea aroma	C/green tea	
77	306	Taste score of green tea	C/green tea	
78	307	Characteristics of green tea taste	C/green tea	
79	308	Total score of black tea	C/black tea	
80	309	Aroma score of black tea	C/black tea	
81	310	Characteristics of black tea aroma	C/black tea	
82	311	Taste score of black tea	C/black tea	
83	312	Characteristics of black tea taste	C/black tea	
84	313	Total score of Oolong tea	C/Oolong tea	
85	314	Aroma score of Oolong tea	C/Oolong tea	
86	315	Characteristics of Oolong tea aroma	C/Oolong tea	
87	316	Taste score of Oolong tea	C/Oolong tea	
88	317	Characteristics of Oolong tea taste	C/Oolong tea	
89	318	Water extracts	M	%
90	319	Caffeine	M	%
91	320	Tea polyphenols	M	%
92	321	Amino acids	M	%
93	322	Ratio of polyphenols/ amino acids	O	
94	323	Theanine	O	%
95	324	Catechins	O	mg/g
96	325	Epi-gallo-catechin-gallate	O	mg/g
97	326	Epi-gallo-catechin	O	mg/g
98	327	Epi-catechin-gallate	O	mg/g
99	328	Epi-catechin	O	mg/g
100	329	Gallo-catechin	O	mg/g
4 Abiotic tolerance				
101	401	Cold tolerance	O	3: Strong 4: Relatively strong 5: Medium 7: Weak
102	402	Drought tolerance	O	3: Strong 4: Relatively strong 5: Medium 7: Weak
5 Biotic resistance				
103	501	Resistance to brown blight	O	3: Resistant 5: Moderate resistant 7: Susceptive 9: High susceptible
104	502	Resistance to tea anthracnose	O	3: Resistant 5: Moderate resistant 7: Susceptive 9: High susceptible
105	503	Resistance to blister blight	O	3: Resistant 5: Moderate resistant

106	504	Resistance to tea leafhopper	O	7: Susceptive 9: High susceptible 3: Resistant 5: Moderate resistant 7: Susceptive 9: High susceptible 3: Resistant
107	505	Resistance to pink mite	O	5: Moderate resistant 7: Susceptive 9: High susceptible 3: Resistant
108	506	Resistance to tea red spider mite	O	5: Moderate resistant 7: Susceptive 9: High susceptible
				6 Others
109	601	Chromosome ploidy	O	
110	602	Fingerprinting and molecular markers	O	
111	603	Remarks	O	

* M: Mandatory descriptors, O: Optional descriptors C: Conditional descriptors for specific germplasms.