Electronic Appendix 1 – Plant material of *Valeriana officinalis* studied: Accessions are ordered by number. For each population/individual we provide geographic origin and collection history. Vouchers are deposited in [W]. Collectors: CD = Christoph Dobeš, JS = Johannes Saukel, SB = Sabine Bressler, VKA = Valerie Klatte-Asselmeyer. Coordinates are in WGS-84 format.

population 1: Germany, Bavaria, Anhauser valley, S of Burgwalden, 48.27222°N / 10.75066°E: VKA 01.05.2009 -- population 3: Austria, Vorarlberg, ca 1.7 km N Höchst, 47.48658°N / 9.62527°E: VKA 02.07.2009 -- population 4: Austria, Vorarlberg, Dornbirn-Hatlerdorf, Im Grund, ca 1 km WSW of Dornbirn-Hatlerdorf railway station, 47.39549°N / 9.71487°E: VKA 03.07.2009 -- population 5: Austria, North Tyrol, main street B 171, ca 0.05 km W of Hirschen inn /Tenne Stams, 47.28749°N / 11.01075°E: VKA 11.07.2009 -- population 6: Austria, North Tyrol, S of Starkenbach, 47.18589°N / 10.64038°E: VKA 11.07.2009 -- population 7: Austria, Vorarlberg, along the street between Thüringen and Schnifis, 47.21033°N / 9.75986°E: VKA 12.07.2009 -- population 8: Austria, Vorarlberg, Rankweil, 47.24724°N / 9.64861°E: VKA 12.07.2009 -- population 9: Austria, Vorarlberg, Frastanz, 47.21473°N / 9.64405°E: VKA 13.07.2009 -- population 10: Austria, Vorarlberg, Hohenems, junction Unterklienstraße – Breitenbergstraße, 47.38099°N / 9.71655°E: VKA 14.07.2009 -- population 11: Austria, Vorarlberg, Ludesch, bank of the river Ill, 47.17478°N / 9.76721°E: VKA, CD 27.07.2009 -- population 12: Austria, North Tyrol, castle Bidenegg, 47.12094°N / 10.63450°E: VKA, CD 28.07.2009 -- population 13: Austria, North Tyrol, Inn valley, below Fließ, near inn Neuer Zoll, 47.11242°N / 10.64741°E: VKA, CD, SB 28.07.2009 -- population 14: Austria, North Tyrol, Ladis, castle Laudegg, 47.07656°N / 10.65222°E: VKA, CD, SB 29.07.2009 -- population 15: Austria, North Tyrol, Tobadill Mühle, 47.12477°N / 10.52248°E: VKA, CD, SB 29.07.2009 -- population 16: Austria, North Tyrol, Venntal, 47.01257°N / 11.54539°E: CD 30.07.2009 -- population 17: Austria, North Tyrol, between Imsterberg and Imst, 47.21576°N / 10.72208°E: VKA, CD, SB 31.07.2009 -- population 18: Austria, North Tyrol, Arlberg-street between St. Christoph and Zürs/Lech, 47.13948°N / 10.17026°E: VKA, SB 30.07.2009 -- population 19: Austria, North Tyrol, Arlberg-street above Stuben, last serpentine, 47.13874°N / 10.16284°E: VKA, SB 30.07.2009 -- population 20: Austria, North Tyrol, along trail beween Langengerte and Larchach, 47.15310°N / 10.71555°E: VKA, CD, SB 31.07.2009 -- population 21: Austria, North Tyrol, Greit bei Pfunds, 46.95939°N / 10.56596°E: CD, SB 01.08.2009 -- population 22: Austria, North Tyrol, southern limits of Nauders, opposite Hotel Erika, 46.88485°N / 10.50300°E: CD, SB 01.08.2009 -- population 23: Austria, North Tyrol, Pfunds, Kajetansbrücke, 46.95063°N / 10.51003°E: VKA 01.08.2009 -- population 24: Austria, North Tyrol, near castle Finstermünz

along the road leading to Nauders, 46.91040°N / 10.49550°E: VKA 01.08.2009 -- population 25: Austria, North Tyrol, between Truppbach and Maria Stein, banks of the river Inn, 47.00073°N / 10.59131°E: VKA 02.08.2009 -- population 26: Austria, North Tyrol, above Jerzens, 47.14999°N / 10.75873°E: CD, SB 02.08.2009 -- population 27: Austria, North Tyrol, Panorama-street from Pettneu to Landeck, near the bridge of the highway, 47.14815°N / 10.40405°E: VKA, SB 03.08.2009 -- population 28: Austria, North Tyrol, Ischgl Dorf, Fimber valley, road leading to the Bodenalpe, second serpentine, 47.01252°N / 10.29577°E: VKA, SB 04.08.2009 -- population 29: Austria, North Tyrol, Tarrenz, near Knappenwelt Gurglbach, 47.25866°N / 10.77447°E: VKA, SB 05.08.2009 -- population 30: Austria, North Tyrol, between Unterlängenfeld and Oberried, banks of the Ötztaler Ache above hydraulic power station Längenfeld, 47.07755°N / 10.95683°E: VKA, SB 06.08.2009 -- population 31: Austria, North Tyrol, N of Unterlängenfeld, 47.08256°N / 10.96332°E: VKA, SB 06.08.2009 -- population 32: Austria, North Tyrol, St. Leonhard im Pitztal, between Eggenstall and St. Leonhard, 47.06831°N / 10.84512°E: VKA, SB 07.08.2009 -- population 33: Austria, North Tyrol, Vent, below Feldkögele, 46.87062°N / 10.92627°E: VKA 08.08.2009 -- population 34: Austria, North Tyrol, between Bichlbach and Heiterwang, 47.42842°N / 10.77698°E: VKA, SB 13.08.2009 -- population 36: Austria, Vorarlberg, Lindengschwend, Bienenhaus, 47.53128°N / 9.93567°E: VKA, SB 14.08.2009 -- population 37: Austria, Vorarlberg, Lechtal-street between Holzgau and Warth, sepentine next to Warth, 47.25931°N / 10.19310°E: VKA, SB 14.08.2009 -- population 38: Austria, Vorarlberg, Bregenzerwald-street between Warth and Schoppernau at the junction to Salzbachvorsäß, 47.29400°N / 10.04417°E: VKA, SB 15.08.2009 -- population 39: Austria, North Tyrol, Walchen, Lechauen cycle path between Walchen and Hägerau, 47.25313°N / 10.32310°E: VKA, SB 15.08.2009 -- population 40: Austria, North Tyrol, Wannenkopf, Steffisalpift above Wannenkopf, 47.25519°N / 10.17608°E: VKA, SB 16.08.2009 -- population 41: Austria, North Tyrol, between inn Kasern and confluent of the Kasererbach and Schragerbach, 47.10588°N / 11.60700°E: VKA, AF 18.08.2009 -- population 42: Austria, North Tyrol, between Steinach and Gschnitz, bank of the Gschnitz, 47.08641°N / 11.45443°E: VKA, AF 18.08.2009 -- population 43: Austria, North Tyrol, Gries am Brenner, along street leading to the Brenner, opposite Landhaus Jenewein, 47.03363°N / 11.48477°E: VKA, AF 19.08.2009 -- population 44: Austria, North Tyrol, along the street between Mühlbachl (Matrei am Brenner) and Pfons, 47.13762°N / 11.45655°E: VKA, AF 20.08.2009 -- population 45: Austria, North Tyrol, Gschnitz, along the trail from Trins to the Innsbrucker Hütte, 47.04392°N / 11.33522°E: VKA, AF 21.08.2009 -- population 46: Austria, North Tyrol, Mieders, highway

exit Telfes, 47.16026°N / 11.36851°E: VKA, AF 21.08.2009 -- population 47: Austria, North Tyrol, street from Sellraintal to Obermarendebach, ca. 0.37 km from the curch of Sellrain, 47.19723°N / 11.16188°E: VKA 22.08.2009 -- population 49: Austria, Lower Austria, between Wenzerdorf and Zwentendorf along the cycle path paralleling the Zaya, 48.61062°N / 16.42524°E: VKA, AF 07.09.2009 -- population 50: Austria, Lower Austria, street between Enzerdorf und Klement, 48.56831°N / 16.34959°E: VKA, AF 07.09.2009

individual 1: Germany, Bavaria, Parkplatz Hirschgarten, 48.14656°N / 11.50892°E: VKA -- individual 2: Austria, Lower Austria, Weißenbach, N of the Gippel, 47.8425°N / 15.5869°E: CD 17.08.2008 -- individual 3: Germany, Bavaria, Zugspitze, Höllen valley, 3.2 km SSW of Hammersbach, 47.43917°N / 11.0258°E: CD 23.08.2009 -- individual 6: Austria, Styria, Mur valley, 1 km NW Teufenbach along the trail to the Puxer Loch , 47.13777°N / 14.34861°E: CD 30.08.2009 -- individual 9: Austria, Styria, Neuberg an der Mürz, 47.66458°N / 15.57785°E: VKA 25.09.2008 -- individual 13: Germany, Baden-Württemberg, along cycle path between Herrlingen and Lautern, 48.43784°N / 9.88311°E: VKA 03.05.2009 -- individual 16, 18: Germany, Baden-Württemberg, Lautern, 48.44833°N / 9.86064°E: VKA 03.05.2009 -- individual 23: Austria, Upper Austria, Steyrermühl, exit highway A1 towards Laakirchen, 47.99566°N / 13.79753°E: VKA 03.07.2009 -- individual 27: Austria, North Tyrol, Fließ near inn Neuer Zoll, 47.11234°N / 10.64608°E: VKA, CD, SB 28.07.2009 -- individual 28: Austria, North Tyrol, Pontlatz, banks of the river Inn, 47.10511°N / 10.66077°E: VKA, CD, SB 28.07.2009 -- individual 32: Austria, North Tyrol, between Imsterberg and Imsterau, 47.20862°N / 10.70048°E: VKA, CD, SB 31.07.2009 -- individual 36: Austria, North Tyrol, Imst, industrial zone, 47.21791°N / 10.73014°E: VKA, CD, SB 31.07.2009 -- individual 38: Austria, North Tyrol, Langengerte, 47.15046°N / 10.72009°E: VKA, CD, SB 31.07.2009 -- individual 40: Austria, North Tyrol, Piller, at junction Oberpiller, 47.13451°N / 10.69194°E: VKA, CD, SB 31.07.2009 -- individual 41: Austria, North Tyrol, Pillerhöhe, 47.12106°N / 10.66856°E: VKA, CD, SB 31.07.2009 -- individual 44: Austria, North Tyrol, near Nauders, 46.93038°N / 10.48914°E: VKA 01.08.2009 -- individual 47: Austria, North Tyrol, St. Anton am Arlberg, Antoniusweg, 47.12844°N / 10.27234°E: VKA, SB 03.08.2009 -- individual 51: Austria, North Tyrol, Arlberg-Panorama-street, near Weiler Reit, 47.15238°N / 10.35804°E: VKA, SB 03.08.2009 -- individual 52: Austria, North Tyrol, Silvretta barrier, western shore, 46.90668°N / 10.08908°E: VKA, SB 04.08.2009 -- individual 55: Austria, North Tyrol, Paznaun valley, Kappl, 47.09094°N / 10.47681°E: VKA, SB 04.08.2009 -- individual 58: Austria, North Tyrol, Hahntennjoch, trail to the Steinjöchl, 47.28235°N / 10.71571°E: VKA, SB 05.08.2009 -- individual 60: Austria,

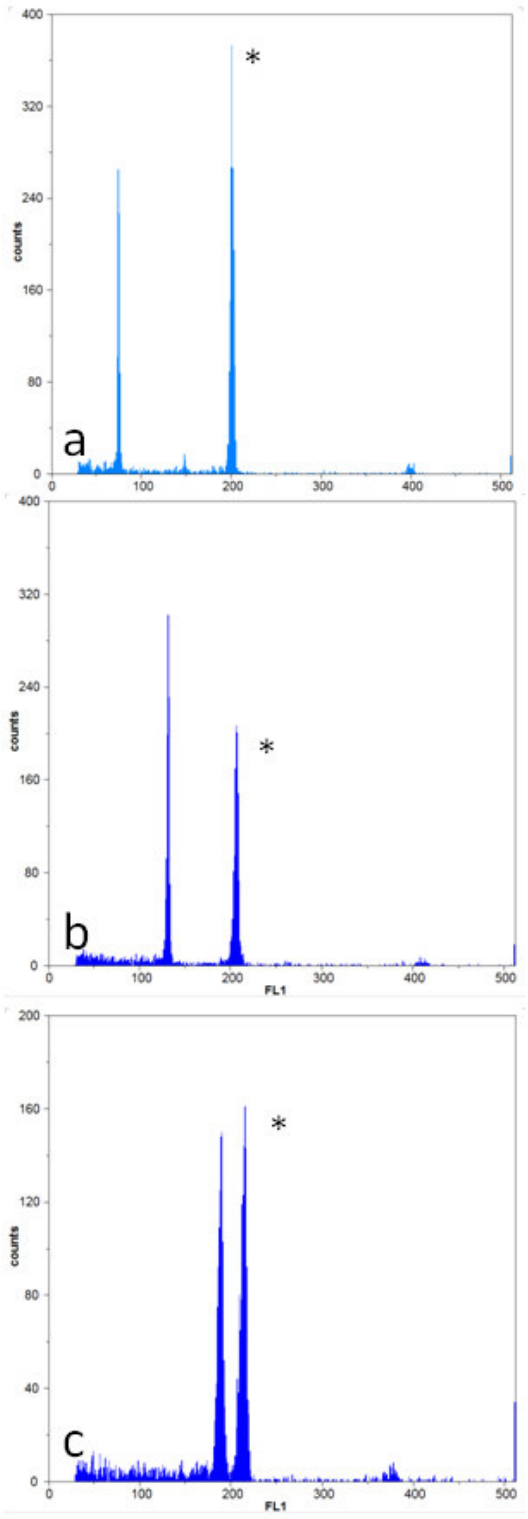
North Tyrol, Jerzens, 47.12339°N / 10.65413°E: CD, SB 02.08.2009 -- individual 62: Austria, North Tyrol, Nassereith, Rossbach, 47.31019°N / 10.85259°E: VKA, SB 05.08.2009 -- individual 65: Austria, North Tyrol, near Spiss, 46.95605°N / 10.45635°E: VKA 07.08.2009 -- individual 67, 69: Austria, North Tyrol, Ötz valley, near Heiligkreuz, 46.90513°N / 10.96672°E: VKA 08.08.2009 -- individual 70: Austria, North Tyrol, Bezau, trail from Bezegg to Klausberg, 47.39212°N / 9.87805°E: VKA, SB 14.08.2009 -- individual 76: Austria, North Tyrol, between Vorder- and Hinterhornbach, 47.36693°N / 10.50591°E: VKA, SB 16.08.2009 -- individual 78: Austria, North Tyrol, ca 0.2 km S of parking lot Innsbrucker Hütte, 47.03921°N / 11.34633°E: VKA, AF 17.08.2009 -- individual 80: Austria, North Tyrol, Pflersch valley, 46.96680°N / 11.33498°E: VKA, AF 19.08.2009 -- individual 83: Austria, North Tyrol, Pflersch valley, 46.95619°N / 11.37718°E: VKA, AF 19.08.2009 -- individual 85-2, 86: Austria, Styria, bank of the river Mürz between Kohleben and Kapellen, 47.63806°N / 15.64648°E: JS, CD, VKA 01.09.2009 -- individual 87: Austria, East Tyrol, Dorfer valley, above the Moaalm, N of Großdorf, 47.03333°N / 12.62694°E: CD 05.09.2009 -- individual 90: Austria, East Tyrol, Tauern valley, near Strumerhof NW of Matrei, 47.01000°N / 12.51750°E: CD 06.09.2009 -- individual 95: Austria, East Tyrol, Defereggen valley, N of Erlsbach, 46.91944°N / 12.26027°E: CD 08.08.2009 -- individual 101: Austria, East Tyrol, Virgen valley, Ströden, 47.01750°N / 12.31805°E: CD 06.09.2009 -- individual 103: Austria, East Tyrol, Defereggen valley, W of Hof, 46.92583°N / 12.49722°E: CD 08.09.2009

Electronic Appendix 2 Overview of data collected for 670 individuals of *Valeriana officinalis*. Plant material was collected from 86 sampling sites, 47 populations and 39 single collections. Values refer to the number of individuals studied for relative genome size, absolute genome size, chromosome number, and AFLP.

population	relative genome size	absolute genome size	chromosome number	AFLP
1	5			4
3	15	2	2	4
4	16			
5	17			5
6	17	2	2	5
7	11			
8	6			
9	9			
10	14			
11	15		2	5
12	16		1	
13	16	2	3	
14	20	2	2	4
15	19			
16	13			
17	15	2	3	
18	11		1	
19	10			
20	15	2	1	
21	18			
22	17		4	5
23	17	2	2	
24	13		1	5
25	17		2	
26	18	2	2	
27	13			
28	9	2		
29	14			5
30	10			
31	11			
32	12			5
33	7			
34	15	3	6	4
36	16			5
37	14			
38	14		1	
39	13			5
40	8			
41	16		1	5
42	7		2	5
43	13		3	
44	17			
45	6			
46	12	2	3	3
47	9			
49	20			5
50	15	2	3	

individual	relative genome size	absolute genome size	chromosome number	AFLP
1	1			
101	1			
103	1			
13	1			
16	1			
18	1			
2	1			
23	1			
27	1			
28	1			
3	1			
32	1			
36	1			
38	1			
40	1			
41	1			
44	1			
47	1			
51	1			
52	1			
55	1			
58	1			
6	1			
60	1			
62	1			
65	1			
67	1			
69	1			
70	1			
76	1			
78	1			
80	1			
83	1			
85-3	1			
86	1			
87	1			
9	1			
90	1			
total	**670**	**25**	**47**	**79**

Electronic Appendix 3 Sample FCM histograms of the three majority cytotypes of *Valeriana officinals*. a) diploid (population 20: AT, North Tyrol, beween Langengerte and Larcha), b) tetraploid (population 22: -, -, Nauders), c) octoploid (population 3: -, Vorarlberg, Höchst) stained with DAPI. *Solanum pseudocapsicum* served as internal biological standard (marked with an asterisk).



Electronic Appendix 4 Chromosome numbers counted for 47 individuals of *Valeriana officinalis* representing three ploidy levels: di- (2x), tetra- (4x), and octoploidy (8x). Chromosomes were counted in root tips using light microscopy. The hyphen indicates uncertainties in chromosome number.

population	individual	ploidy level	chromosome number
3	10	2x	14
3	14	2x	14 + 1
6	4	4x	28
6	18	4x	28
11	7	4x	28
11	12	4x	28
12	18	8x	55–56
13	11	4x	28
13	14	4x	28
13	19	4x	27
14	6	8x	56
14	31	2x	14
17	11	4x	28
17	17	4x	28
17	19	4x	28
18	2	8x	55–56
20	14	8x	56
22	17	8x	55–56
22	18	8x	55–56
22	19	4x	28
22	20	4x	28
23	14	4x	28
23	18	4x	28
24	17	4x	28
25	3	4x	28
25	11	4x	28
26	4	8x	56
26	11	8x	56
34	3	8x	56
34	4	2x	14
34	12	8x	56
34	13	8x	55–56
34	15	2x	14 + 1
34	19	2x	14 + 1
38	2	8x	55–56
41	12	4x	28
42	1	4x	27–28
42	11	2x	14
43	14	4x	28
43	17	4x	27–28
43	20	4x	28
46	10	2x	14
46	13	2x	14
46	16	2x	14
50	7	2x	14
50	9	2x	14
50	18	2x	14

Electronic Appendix 5 Descriptive statistics of the flow cytometric measurements for 670 individuals of *Valeriana officinalis*. *Device* is the flow cytometer and DNA-specific stain used. *Standard* is the used internal biological standard. *Count*, *mean* and *cv* are the number of registered particles, the mean fluorescence, and the coefficient of variation, respectively, calculated for the sample and the standard histograms. *Index* is the sample : standard fluorescence ratio which was calculated from the respective fluorescence means. *2C* is the absolute genome size. PA = Ploidy Analyser (Partec, Germany, Münster), DAPI = 4'-6-diamidino-2-phenylindole), CyFlow = CyFlow Ploidy Analyser, PI = propidium iodide, *Pisum* = *Pisum sativum* cv. Kleine Rheinländerin (Greilhuber & Ebert 1994), *Solanum* = *Solanum pseudocapsicum* (Temsch et al. 2010).

A) Estimation of relative DNA-content

device	standard	population	individual	standard			sample			index	DNA ploidy
				count	mean	cv	count	mean	cv		
PA DAPI	*Pisum*	1	1	1123	92.03	2.06	963	99.20	1.94	1.0779	8x
PA DAPI	*Pisum*	1	2	1387	90.29	2.13	744	95.90	1.57	1.0621	8x
PA DAPI	*Pisum*	1	3	885	93.29	2.11	1500	100.66	1.89	1.0790	8x
PA DAPI	*Pisum*	1	4	1443	103.83	2.23	741	115.14	1.71	1.1089	8x
PA DAPI	*Pisum*	1	5	529	104.46	2.24	651	116.89	1.54	1.1190	8x
PA DAPI	*Pisum*	3	4	689	97.39	1.85	1282	34.94	2.65	0.3588	2x
PA DAPI	*Pisum*	3	5	766	98.08	1.70	1143	34.69	2.79	0.3537	2x
PA DAPI	*Pisum*	3	6	1102	104.04	1.59	609	37.06	2.76	0.3562	2x
PA DAPI	*Pisum*	3	8	823	94.35	1.90	1250	33.25	2.93	0.3524	2x
PA DAPI	*Pisum*	3	9	696	91.85	2.15	1558	32.54	2.95	0.3543	2x
PA DAPI	*Pisum*	3	10	1227	91.54	1.62	1526	31.93	2.32	0.3488	2x
PA DAPI	*Pisum*	3	11	1219	90.08	1.88	758	31.76	2.64	0.3526	2x
PA DAPI	*Pisum*	3	12	636	89.07	1.83	1235	31.17	2.53	0.3499	2x
PA DAPI	*Pisum*	3	13	994	95.02	1.77	1101	33.64	2.68	0.3540	2x
PA DAPI	*Pisum*	3	14	512	93.05	2.09	1419	33.80	2.84	0.3632	2x
PA DAPI	*Pisum*	3	15	659	96.06	1.49	1287	33.82	2.49	0.3521	2x
PA DAPI	*Pisum*	3	16	767	96.83	1.56	1899	34.32	2.73	0.3544	2x
PA DAPI	*Pisum*	3	17	764	92.50	1.80	908	32.90	2.73	0.3557	2x
PA DAPI	*Pisum*	3	18	420	92.19	1.98	967	33.01	2.76	0.3581	2x
PA DAPI	*Pisum*	3	19	768	93.67	1.90	1454	33.00	2.66	0.3523	2x
PA DAPI	*Pisum*	4	1	873	93.98	1.83	1143	59.82	2.51	0.6365	4x
PA DAPI	*Pisum*	4	2	462	94.65	1.40	1347	60.73	2.59	0.6416	4x
PA DAPI	*Pisum*	4	3	390	93.69	1.89	969	57.00	2.64	0.6084	4x
PA DAPI	*Pisum*	4	4	881	92.87	1.68	883	59.47	2.10	0.6404	4x
PA DAPI	*Pisum*	4	5	596	94.19	1.82	1002	59.16	2.21	0.6281	4x
PA DAPI	*Pisum*	4	6	660	94.18	1.53	371	57.13	2.10	0.6066	4x
PA DAPI	*Pisum*	4	7	190	100.11	2.01	1122	62.09	2.18	0.6202	4x
PA DAPI	*Pisum*	4	9	293	100.14	1.27	940	58.61	2.35	0.5853	4x
PA DAPI	*Pisum*	4	10	226	99.71	2.09	762	61.45	2.24	0.6163	4x
PA DAPI	*Pisum*	4	11	610	103.61	2.16	792	63.74	2.46	0.6152	4x
PA DAPI	*Pisum*	4	13	680	101.28	2.55	2092	66.03	2.57	0.6520	4x
PA DAPI	*Pisum*	4	15	735	101.58	2.34	1162	63.35	2.78	0.6236	4x
PA DAPI	*Pisum*	4	16	725	101.33	2.21	949	64.25	3.06	0.6341	4x

device	standard	population	individual	standard			sample			index	DNA ploidy
				count	mean	cv	count	mean	cv		
PA DAPI	*Pisum*	4	17	868	102.53	1.44	630	63.90	2.06	0.6232	4x
PA DAPI	*Pisum*	4	18	414	103.27	1.49	720	63.47	1.87	0.6146	4x
PA DAPI	*Pisum*	4	19	528	104.69	1.76	1364	61.03	2.48	0.5830	4x
PA DAPI	*Pisum*	5	1	434	75.36	1.59	1328	49.87	1.93	0.6618	4x
PA DAPI	*Pisum*	5	3	867	95.99	1.65	1537	59.28	2.05	0.6176	4x
PA DAPI	*Pisum*	5	4	313	73.00	1.62	541	47.50	2.19	0.6507	4x
PA DAPI	*Pisum*	5	5	562	100.50	1.79	1510	63.95	2.57	0.6363	4x
PA DAPI	*Pisum*	5	6	776	79.92	1.94	879	52.31	2.52	0.6545	4x
PA DAPI	*Pisum*	5	7	1056	93.34	1.77	605	56.62	2.18	0.6066	4x
PA DAPI	*Pisum*	5	9	330	77.37	2.00	1418	48.33	2.13	0.6247	4x
PA DAPI	*Pisum*	5	11	638	99.01	1.20	1128	62.38	1.92	0.6300	4x
PA DAPI	*Pisum*	5	13	563	78.04	2.20	1497	48.73	2.43	0.6244	4x
PA DAPI	*Pisum*	5	14	434	91.75	2.30	1645	59.67	2.40	0.6504	4x
PA DAPI	*Pisum*	5	15	315	82.46	1.58	1095	53.54	2.21	0.6493	4x
PA DAPI	*Pisum*	5	16	650	80.89	1.72	1190	52.94	2.06	0.6545	4x
PA DAPI	*Pisum*	5	17	1151	93.66	1.59	695	59.06	2.18	0.6306	4x
PA DAPI	*Pisum*	5	18	325	81.59	1.50	1285	51.10	2.09	0.6263	4x
PA DAPI	*Pisum*	5	19	363	70.40	2.06	573	44.56	2.18	0.6330	4x
PA DAPI	*Pisum*	5	20	522	77.64	1.54	579	49.63	2.15	0.6392	4x
PA DAPI	*Pisum*	5	4-2	328	73.62	1.97	750	48.19	2.64	0.6546	4x
PA DAPI	*Pisum*	6	1-1	598	90.29	1.82	2214	32.28	2.50	0.3575	2x
PA DAPI	*Pisum*	6	1-2	546	89.78	1.47	1347	31.63	2.68	0.3523	2x
PA DAPI	*Pisum*	6	2	360	74.08	2.51	891	46.00	2.45	0.6210	4x
PA DAPI	*Pisum*	6	4	1043	96.49	1.60	637	55.47	2.35	0.5749	4x
PA DAPI	*Pisum*	6	6	483	80.10	2.16	857	50.89	2.50	0.6353	4x
PA DAPI	*Pisum*	6	7	581	77.07	2.14	523	47.82	3.34	0.6205	4x
PA DAPI	*Pisum*	6	9	656	75.05	2.14	449	49.92	2.66	0.6652	4x
PA DAPI	*Pisum*	6	11	358	75.13	1.85	530	48.35	2.37	0.6436	4x
PA DAPI	*Pisum*	6	12	1069	96.16	1.82	706	56.99	2.69	0.5927	4x
PA DAPI	*Pisum*	6	13	534	97.31	1.60	581	59.67	2.13	0.6132	4x
PA DAPI	*Pisum*	6	14	616	89.16	1.80	1653	54.83	2.54	0.6150	4x
PA DAPI	*Pisum*	6	15	361	76.20	2.26	643	47.10	2.63	0.6181	4x
PA DAPI	*Pisum*	6	16	373	74.94	1.98	741	47.07	2.86	0.6281	4x
PA DAPI	*Pisum*	6	17	446	75.78	2.05	583	48.61	2.50	0.6415	4x
PA DAPI	*Pisum*	6	18	714	78.50	2.43	1073	53.28	2.74	0.6787	4x
PA DAPI	*Pisum*	6	19	481	76.55	1.92	608	50.04	2.56	0.6537	4x
PA DAPI	*Pisum*	6	20	415	77.94	2.82	642	51.05	2.22	0.6550	4x
PA DAPI	*Pisum*	7	6	296	67.39	2.28	901	44.05	2.27	0.6537	4x
PA DAPI	*Pisum*	7	9	4859	65.08	2.09	12366	43.02	2.43	0.6610	4x
PA DAPI	*Pisum*	7	10	374	67.17	2.44	1314	42.80	2.69	0.6372	4x
PA DAPI	*Pisum*	7	11	281	68.67	2.09	807	45.28	2.32	0.6594	4x
PA DAPI	*Pisum*	7	12	1097	97.41	1.54	1313	60.26	1.87	0.6186	4x
PA DAPI	*Pisum*	7	15	305	65.55	1.76	710	42.42	2.53	0.6471	4x
PA DAPI	*Pisum*	7	16	808	67.51	1.83	1093	45.01	2.59	0.6667	4x
PA DAPI	*Pisum*	7	17	345	67.50	2.06	1012	43.11	2.43	0.6387	4x
PA DAPI	*Pisum*	7	18	342	68.50	2.08	1217	44.04	2.38	0.6429	4x
PA DAPI	*Pisum*	7	19	420	67.07	2.15	881	43.40	2.40	0.6471	4x
PA DAPI	*Pisum*	7	20	292	67.38	2.00	1092	42.83	2.26	0.6356	4x
PA DAPI	*Pisum*	8	1	267	65.66	1.75	1270	23.91	2.69	0.3641	2x
PA DAPI	*Pisum*	8	3	1341	99.09	1.51	760	35.25	3.40	0.3557	2x
PA DAPI	*Pisum*	8	5	2327	93.16	1.60	624	33.51	3.22	0.3597	2x
PA DAPI	*Pisum*	8	10	694	94.28	1.42	556	34.21	3.19	0.3629	2x
PA DAPI	*Pisum*	8	14	274	66.35	1.85	782	24.24	2.90	0.3653	2x
PA DAPI	*Pisum*	8	15	198	66.58	1.60	805	24.41	2.88	0.3666	2x
PA DAPI	*Pisum*	9	5	282	64.39	1.68	866	42.78	2.52	0.6644	4x

device	standard	population	individual	standard			sample			index	DNA ploidy
				count	mean	cv	count	mean	cv		
PA DAPI	*Pisum*	9	8	351	66.37	2.12	618	43.37	2.67	0.6535	4x
PA DAPI	*Pisum*	9	11	476	63.87	2.16	858	40.74	2.48	0.6379	4x
PA DAPI	*Pisum*	9	12	646	65.16	1.95	936	39.98	2.75	0.6136	4x
PA DAPI	*Pisum*	9	14	534	66.12	1.97	1055	44.66	2.58	0.6754	4x
PA DAPI	*Pisum*	9	16	556	67.44	1.96	885	41.69	2.57	0.6182	4x
PA DAPI	*Pisum*	9	18	348	66.15	2.28	718	42.75	2.36	0.6463	4x
PA DAPI	*Pisum*	9	19	356	64.25	1.75	1938	41.24	2.45	0.6419	4x
PA DAPI	*Pisum*	9	20	367	64.89	2.17	1451	40.97	2.57	0.6314	4x
PA DAPI	*Pisum*	10	1	699	64.85	2.31	1170	42.32	2.74	0.6526	4x
PA DAPI	*Pisum*	10	2	650	92.01	2.49	208	60.20	2.83	0.6543	4x
PA DAPI	*Pisum*	10	6	805	96.29	2.75	1774	63.98	3.94	0.6645	4x
PA DAPI	*Pisum*	10	7	1144	65.78	2.32	1334	42.72	3.21	0.6494	4x
PA DAPI	*Pisum*	10	9	365	72.53	2.15	757	47.69	2.44	0.6575	4x
PA DAPI	*Pisum*	10	11	765	79.64	2.30	1144	51.72	2.48	0.6494	4x
PA DAPI	*Pisum*	10	12	450	79.71	2.45	688	50.26	2.93	0.6305	4x
PA DAPI	*Pisum*	10	14	532	89.11	2.18	605	59.31	2.80	0.6656	4x
PA DAPI	*Pisum*	10	15	470	64.62	2.18	1032	43.52	3.02	0.6735	4x
PA DAPI	*Pisum*	10	16	946	82.11	2.30	1774	50.48	2.66	0.6148	4x
PA DAPI	*Pisum*	10	17	467	75.63	1.95	1555	47.81	2.56	0.6322	4x
PA DAPI	*Pisum*	10	18	617	74.74	2.03	2098	49.38	2.64	0.6607	4x
PA DAPI	*Pisum*	10	19	653	73.89	2.24	1124	47.46	2.56	0.6423	4x
PA DAPI	*Pisum*	10	20	578	75.09	2.29	1256	50.19	2.47	0.6684	4x
PA DAPI	*Pisum*	11	3	425	66.60	2.03	793	45.03	3.36	0.6761	4x
PA DAPI	*Pisum*	11	4	425	68.16	2.14	757	42.21	2.72	0.6193	4x
PA DAPI	*Pisum*	11	6	1599	99.67	1.95	823	62.53	2.17	0.6274	4x
PA DAPI	*Pisum*	11	7	555	97.23	1.82	920	63.79	2.42	0.6561	4x
PA DAPI	*Pisum*	11	9	502	70.51	1.99	1211	45.65	3.08	0.6474	4x
PA DAPI	*Pisum*	11	10	629	68.14	2.38	839	47.98	2.60	0.7041	4x
PA DAPI	*Pisum*	11	11	878	97.69	1.87	1324	64.45	2.36	0.6597	4x
PA DAPI	*Pisum*	11	12	647	97.02	1.92	1027	62.12	2.41	0.6403	4x
PA DAPI	*Pisum*	11	13	378	67.92	2.17	784	45.33	3.12	0.6674	4x
PA DAPI	*Pisum*	11	14	418	67.73	2.12	780	46.40	2.42	0.6851	4x
PA DAPI	*Pisum*	11	15	414	70.21	2.28	1024	46.03	2.18	0.6556	4x
PA DAPI	*Pisum*	11	17	783	98.13	1.90	913	65.66	2.04	0.6691	4x
PA DAPI	*Pisum*	11	18	666	65.38	2.04	1039	41.29	2.67	0.6315	4x
PA DAPI	*Pisum*	11	19	460	68.04	2.06	733	44.84	2.50	0.6590	4x
PA DAPI	*Pisum*	11	20	394	69.92	1.76	637	43.09	2.31	0.6163	4x
PA DAPI	*Pisum*	12	2	1301	78.38	2.54	1577	95.26	2.45	1.2154	8x
PA DAPI	*Pisum*	12	3	834	96.04	2.12	575	111.92	2.26	1.1653	8x
PA DAPI	*Pisum*	12	6	899	97.83	2.38	997	115.08	2.34	1.1763	8x
PA DAPI	*Pisum*	12	7	521	97.81	1.83	820	112.93	1.88	1.1546	8x
PA DAPI	*Pisum*	12	9	1179	80.49	2.12	1171	93.43	2.57	1.1608	8x
PA DAPI	*Pisum*	12	10	749	99.12	2.79	1311	111.08	2.80	1.1207	8x
PA DAPI	*Pisum*	12	11	1025	98.65	2.05	1580	118.06	2.43	1.1968	8x
PA DAPI	*Pisum*	12	12	423	96.20	1.65	927	111.07	1.80	1.1546	8x
PA DAPI	*Pisum*	12	13	664	96.48	1.96	1049	112.76	2.47	1.1687	8x
PA DAPI	*Pisum*	12	14	570	98.25	1.97	1379	114.14	2.25	1.1617	8x
PA DAPI	*Pisum*	12	15	621	96.07	1.92	871	111.94	1.99	1.1652	8x
PA DAPI	*Pisum*	12	16	1037	97.54	2.04	1440	113.01	2.34	1.1586	8x
PA DAPI	*Pisum*	12	17	750	98.17	2.01	922	115.95	2.14	1.1811	8x
PA DAPI	*Pisum*	12	18	415	98.51	1.86	847	112.95	1.88	1.1466	8x
PA DAPI	*Pisum*	12	19	545	96.51	1.93	808	107.21	1.98	1.1109	8x
PA DAPI	*Pisum*	12	20	940	97.48	2.09	1111	113.32	2.42	1.1625	8x
PA DAPI	*Pisum*	13	3	806	96.76	1.87	818	62.83	2.71	0.6493	4x
PA DAPI	*Pisum*	13	4	677	79.63	2.47	948	51.49	3.01	0.6466	4x

device	standard	population	individual	standard			sample			index	DNA ploidy
				count	mean	cv	count	mean	cv		
PA DAPI	*Pisum*	13	6	813	96.58	2.01	893	65.31	2.82	0.6762	4x
PA DAPI	*Pisum*	13	7	380	86.78	2.67	1149	55.68	3.26	0.6416	4x
PA DAPI	*Pisum*	13	8	899	97.61	1.89	1456	66.29	2.47	0.6791	4x
PA DAPI	*Pisum*	13	9	1771	79.41	2.45	1065	55.62	2.87	0.7004	4x
PA DAPI	*Pisum*	13	10	597	101.34	2.00	1019	67.14	2.15	0.6625	4x
PA DAPI	*Pisum*	13	11	382	84.41	2.02	606	59.52	2.79	0.7051	4x
PA DAPI	*Pisum*	13	12	652	85.07	2.27	794	57.76	2.79	0.6790	4x
PA DAPI	*Pisum*	13	13	560	101.60	2.28	1291	68.12	2.36	0.6705	4x
PA DAPI	*Pisum*	13	14	475	83.29	2.21	668	57.28	2.66	0.6877	4x
PA DAPI	*Pisum*	13	15	565	83.29	1.94	665	57.22	2.27	0.6870	4x
PA DAPI	*Pisum*	13	16	295	88.27	2.00	985	58.28	2.25	0.6602	4x
PA DAPI	*Pisum*	13	17	374	84.55	2.05	906	56.35	2.96	0.6665	4x
PA DAPI	*Pisum*	13	19	458	97.86	1.81	1323	59.98	2.46	0.6129	4x
PA DAPI	*Pisum*	13	20	436	85.22	2.35	798	56.26	2.47	0.6602	4x
PA DAPI	*Pisum*	14	2	369	93.69	1.91	665	34.79	2.39	0.3713	2x
PA DAPI	*Pisum*	14	3	248	100.08	1.99	1015	37.66	2.52	0.3763	2x
PA DAPI	*Pisum*	14	4	844	93.28	1.45	798	36.36	3.15	0.3898	2x
PA DAPI	*Pisum*	14	6	951	94.11	2.37	357	113.49	2.88	1.2059	8x
PA DAPI	*Pisum*	14	7	618	92.42	2.13	1187	102.76	2.24	1.1119	8x
PA DAPI	*Pisum*	14	8	913	99.48	2.58	945	116.81	2.75	1.1742	8x
PA DAPI	*Pisum*	14	10	630	93.37	2.11	821	109.14	1.84	1.1689	8x
PA DAPI	*Pisum*	14	11	203	98.11	1.63	878	36.89	2.48	0.3760	2x
PA DAPI	*Pisum*	14	12	242	103.64	2.14	668	38.92	2.65	0.3755	2x
PA DAPI	*Pisum*	14	13	496	100.13	1.87	926	113.54	1.82	1.1339	8x
PA DAPI	*Pisum*	14	14	244	99.61	1.62	605	37.24	2.61	0.3739	2x
PA DAPI	*Pisum*	14	15	382	95.56	1.93	945	104.96	2.39	1.0984	8x
PA DAPI	*Pisum*	14	16	380	93.42	2.09	973	35.36	3.02	0.3785	2x
PA DAPI	*Pisum*	14	17	490	99.64	2.19	962	119.19	2.03	1.1962	8x
PA DAPI	*Pisum*	14	18	490	98.17	2.13	1003	114.26	2.16	1.1639	8x
PA DAPI	*Pisum*	14	19	838	93.65	2.25	1011	109.36	2.20	1.1678	8x
PA DAPI	*Pisum*	14	20	335	93.53	1.68	1086	35.22	2.61	0.3766	2x
PA DAPI	*Pisum*	14	21	1007	92.72	2.25	1026	105.46	2.54	1.1374	8x
PA DAPI	*Pisum*	14	22	296	92.65	1.99	796	34.71	2.28	0.3746	2x
PA DAPI	*Pisum*	14	31	1061	94.28	3.34	1172	34.67	3.31	0.3677	2x
PA DAPI	*Pisum*	15	1	849	93.30	2.03	1063	106.14	2.10	1.1376	8x
PA DAPI	*Pisum*	15	2	649	95.84	1.90	968	111.05	2.20	1.1587	8x
PA DAPI	*Pisum*	15	3	629	93.83	1.98	978	105.83	2.04	1.1279	8x
PA DAPI	*Pisum*	15	4	1081	95.11	2.14	1415	112.27	2.38	1.1804	8x
PA DAPI	*Pisum*	15	5	342	101.24	1.57	1311	111.66	1.84	1.1029	8x
PA DAPI	*Pisum*	15	6	887	102.97	1.81	1044	118.80	2.07	1.1537	8x
PA DAPI	*Pisum*	15	7	597	104.13	1.79	1213	117.35	2.03	1.1270	8x
PA DAPI	*Pisum*	15	9	2916	100.52	2.23	614	109.87	1.75	1.0930	8x
PA DAPI	*Pisum*	15	10	733	94.12	2.54	1280	109.05	2.44	1.1586	8x
PA DAPI	*Pisum*	15	11	419	100.14	2.31	842	116.04	1.88	1.1588	8x
PA DAPI	*Pisum*	15	12	633	93.24	2.04	1013	106.19	2.12	1.1389	8x
PA DAPI	*Pisum*	15	13	430	84.13	2.51	1317	95.06	2.29	1.1299	8x
PA DAPI	*Pisum*	15	14	676	98.97	2.11	932	110.08	2.32	1.1123	8x
PA DAPI	*Pisum*	15	15	774	86.91	2.00	1339	98.33	1.95	1.1314	8x
PA DAPI	*Pisum*	15	16	779	92.28	2.12	976	105.91	1.85	1.1477	8x
PA DAPI	*Pisum*	15	17	332	94.29	1.91	678	113.22	1.94	1.2008	8x
PA DAPI	*Pisum*	15	18	395	105.65	1.77	1039	119.20	1.96	1.1283	8x
PA DAPI	*Pisum*	15	19	425	93.10	2.09	1459	106.25	1.88	1.1412	8x
PA DAPI	*Pisum*	15	20	839	95.80	2.06	823	110.03	1.88	1.1485	8x
PA DAPI	*Pisum*	16	4	581	113.29	1.87	678	70.19	2.32	0.6196	4x
PA DAPI	*Pisum*	16	5	373	98.69	1.82	1377	63.07	2.95	0.6391	4x

device	standard	population	individual	standard			sample			index	DNA ploidy
				count	mean	cv	count	mean	cv		
PA DAPI	*Pisum*	16	6	515	95.40	2.12	869	57.94	3.32	0.6073	4x
PA DAPI	*Pisum*	16	8	1038	79.40	2.14	681	50.33	2.89	0.6339	4x
PA DAPI	*Pisum*	16	11	580	111.57	1.69	2746	64.91	2.17	0.5818	4x
PA DAPI	*Pisum*	16	12	427	113.19	1.68	603	66.91	3.20	0.5911	4x
PA DAPI	*Pisum*	16	13	590	108.90	2.15	1725	62.19	3.48	0.5711	4x
PA DAPI	*Pisum*	16	14	573	111.16	1.50	1757	64.48	1.89	0.5801	4x
PA DAPI	*Pisum*	16	16	634	96.32	1.97	763	62.32	2.70	0.6470	4x
PA DAPI	*Pisum*	16	17	613	111.31	1.83	972	67.42	2.84	0.6057	4x
PA DAPI	*Pisum*	16	18	508	110.71	1.50	1131	63.78	2.07	0.5761	4x
PA DAPI	*Pisum*	16	19	392	113.73	1.43	2832	66.30	2.26	0.5830	4x
PA DAPI	*Pisum*	16	20	406	96.92	1.74	1610	60.29	2.31	0.6221	4x
PA DAPI	*Pisum*	17	1	1092	106.31	1.53	881	64.66	1.69	0.6082	4x
PA DAPI	*Pisum*	17	2	656	106.07	1.92	638	65.72	1.95	0.6196	4x
PA DAPI	*Pisum*	17	3	368	106.99	1.55	1153	61.15	1.72	0.5715	4x
PA DAPI	*Pisum*	17	9	472	106.78	2.03	1039	65.26	2.18	0.6112	4x
PA DAPI	*Pisum*	17	10	911	106.87	1.62	1331	66.65	1.76	0.6237	4x
PA DAPI	*Pisum*	17	11	273	107.17	1.54	1172	65.95	2.24	0.6154	4x
PA DAPI	*Pisum*	17	12	509	105.50	1.95	1644	71.78	2.14	0.6804	4x
PA DAPI	*Pisum*	17	13	1035	106.05	1.66	1988	68.73	2.21	0.6481	4x
PA DAPI	*Pisum*	17	14	478	106.53	1.79	1365	67.99	2.18	0.6382	4x
PA DAPI	*Pisum*	17	15	871	106.93	1.60	1529	67.62	1.70	0.6324	4x
PA DAPI	*Pisum*	17	16	635	106.66	1.75	1183	72.27	2.12	0.6776	4x
PA DAPI	*Pisum*	17	17	650	110.51	1.66	1635	76.36	2.08	0.6910	4x
PA DAPI	*Pisum*	17	18	720	109.57	2.01	585	67.37	2.68	0.6149	4x
PA DAPI	*Pisum*	17	19	447	111.23	1.42	1238	66.19	1.93	0.5951	4x
PA DAPI	*Pisum*	17	20	501	106.45	1.67	979	67.03	2.17	0.6297	4x
PA DAPI	*Pisum*	18	2	1054	109.09	1.37	383	114.65	1.03	1.0510	8x
PA DAPI	*Pisum*	18	3	1649	85.56	2.34	560	91.70	1.52	1.0718	8x
PA DAPI	*Pisum*	18	7	554	103.71	1.99	1399	114.24	1.83	1.1015	8x
PA DAPI	*Pisum*	18	8	676	106.92	1.70	833	117.20	1.54	1.0961	8x
PA DAPI	*Pisum*	18	10	1117	106.49	1.65	641	112.62	1.32	1.0576	8x
PA DAPI	*Pisum*	18	13	1064	106.24	1.60	1487	117.38	1.55	1.1049	8x
PA DAPI	*Pisum*	18	15	1006	101.45	2.02	1087	111.05	1.76	1.0946	8x
PA DAPI	*Pisum*	18	17	479	103.42	1.37	1048	110.30	1.45	1.0665	8x
PA DAPI	*Pisum*	18	18	497	106.56	1.52	986	116.02	1.34	1.0888	8x
PA DAPI	*Pisum*	18	19	817	108.59	1.50	558	114.88	1.19	1.0579	8x
PA DAPI	*Pisum*	18	20	764	105.10	1.91	1023	114.42	1.61	1.0887	8x
PA DAPI	*Pisum*	19	3	714	97.12	1.47	704	102.04	1.50	1.0507	8x
PA DAPI	*Pisum*	19	4	956	94.90	2.09	984	102.79	1.79	1.0831	8x
PA DAPI	*Pisum*	19	5	860	95.90	1.57	842	106.05	1.70	1.1058	8x
PA DAPI	*Pisum*	19	6	1633	87.09	2.53	773	98.47	2.08	1.1307	8x
PA DAPI	*Pisum*	19	7	1076	71.46	2.15	1005	79.79	2.36	1.1166	8x
PA DAPI	*Pisum*	19	10	893	99.87	2.36	332	110.90	2.15	1.1104	8x
PA DAPI	*Pisum*	19	11	838	73.03	2.71	897	85.25	2.77	1.1673	8x
PA DAPI	*Pisum*	19	13	2989	103.50	3.13	2338	121.13	2.85	1.1703	8x
PA DAPI	*Pisum*	19	17	800	97.35	1.58	1290	103.20	1.45	1.0601	8x
PA DAPI	*Pisum*	19	18	988	98.94	1.71	961	104.55	1.46	1.0567	8x
PA DAPI	*Pisum*	20	1	596	93.93	1.82	1348	103.43	1.88	1.1011	8x
PA DAPI	*Pisum*	20	5	1379	79.66	1.71	688	99.65	1.92	1.2509	8x
PA DAPI	*Pisum*	20	6	836	100.87	2.05	1485	114.72	1.81	1.1373	8x
PA DAPI	*Pisum*	20	7	665	100.90	1.63	1093	110.73	1.72	1.0974	8x
PA DAPI	*Pisum*	20	10	705	90.99	2.04	550	99.53	1.58	1.0939	8x
PA DAPI	*Pisum*	20	12	621	91.96	1.96	1452	104.76	2.39	1.1392	8x
PA DAPI	*Pisum*	20	13	485	91.71	1.96	938	102.80	1.87	1.1209	8x
PA DAPI	*Pisum*	20	14	586	93.10	1.46	802	98.48	1.43	1.0578	8x

device	standard	population	individual	standard			sample			index	DNA ploidy
				count	mean	cv	count	mean	cv		
PA DAPI	*Pisum*	20	15	415	95.70	1.53	1400	106.13	1.42	1.1090	8x
PA DAPI	*Pisum*	20	16	393	95.81	1.62	1424	105.73	1.62	1.1035	8x
PA DAPI	*Pisum*	20	17	680	90.56	1.90	1107	97.22	1.83	1.0735	8x
PA DAPI	*Pisum*	20	18	598	95.34	1.60	1044	107.29	1.64	1.1253	8x
PA DAPI	*Pisum*	20	19	598	90.98	1.76	1557	105.51	2.77	1.1597	8x
PA DAPI	*Pisum*	20	20	478	92.10	1.95	899	103.08	1.97	1.1192	8x
PA DAPI	*Pisum*	20	21	1014	101.09	1.61	628	111.81	1.63	1.1060	8x
PA DAPI	*Pisum*	21	2	488	99.29	1.53	1579	62.30	2.04	0.6275	4x
PA DAPI	*Pisum*	21	3	202	98.05	1.32	1459	59.85	2.10	0.6104	4x
PA DAPI	*Pisum*	21	4	473	96.94	1.49	814	61.73	1.93	0.6368	4x
PA DAPI	*Pisum*	21	5	512	97.45	1.69	1205	60.40	2.20	0.6198	4x
PA DAPI	*Pisum*	21	6	1189	80.33	2.44	1129	50.41	3.17	0.6275	4x
PA DAPI	*Pisum*	21	7	560	98.91	1.57	1050	64.20	2.15	0.6491	4x
PA DAPI	*Pisum*	21	8	452	97.41	1.44	1271	57.74	1.89	0.5928	4x
PA DAPI	*Pisum*	21	9	270	98.51	1.56	1823	62.62	2.04	0.6357	4x
PA DAPI	*Pisum*	21	10	478	97.45	1.46	1131	60.82	1.69	0.6241	4x
PA DAPI	*Pisum*	21	11	682	94.78	1.76	576	58.41	2.13	0.6163	4x
PA DAPI	*Pisum*	21	12	991	94.52	1.67	900	56.93	2.22	0.6023	4x
PA DAPI	*Pisum*	21	13	742	98.70	1.71	1601	59.84	2.75	0.6063	4x
PA DAPI	*Pisum*	21	15	646	99.48	1.95	1770	61.22	2.23	0.6154	4x
PA DAPI	*Pisum*	21	16	677	96.99	1.72	1255	61.95	1.77	0.6387	4x
PA DAPI	*Pisum*	21	17	940	99.96	1.79	1649	61.98	2.07	0.6200	4x
PA DAPI	*Pisum*	21	18	404	99.16	1.38	1184	62.21	2.12	0.6274	4x
PA DAPI	*Pisum*	21	19	1385	92.43	2.22	923	58.43	2.91	0.6322	4x
PA DAPI	*Pisum*	21	20	456	97.37	1.67	1220	62.01	1.77	0.6368	4x
PA DAPI	*Pisum*	22	1	917	99.48	2.43	1777	115.14	2.45	1.1574	8x
PA DAPI	*Pisum*	22	2	1247	81.75	2.27	425	98.01	1.99	1.1989	8x
PA DAPI	*Pisum*	22	3	644	92.38	1.85	913	99.42	1.85	1.0762	8x
PA DAPI	*Pisum*	22	5	722	72.38	2.01	1957	82.39	2.31	1.1383	8x
PA DAPI	*Pisum*	22	7	952	102.34	1.70	1324	115.10	1.50	1.1247	8x
PA DAPI	*Pisum*	22	8	881	96.21	1.98	1180	105.33	1.70	1.0948	8x
PA DAPI	*Pisum*	22	9	1166	95.61	2.48	1010	107.31	1.94	1.1224	8x
PA DAPI	*Pisum*	22	11	1764	87.22	2.14	1975	93.90	1.82	1.0766	8x
PA DAPI	*Pisum*	22	12	667	92.03	1.84	968	103.21	1.66	1.1215	8x
PA DAPI	*Pisum*	22	13	1393	96.93	2.44	1603	111.44	1.91	1.1497	8x
PA DAPI	*Pisum*	22	14	1724	85.66	2.38	508	104.96	2.13	1.2253	8x
PA DAPI	*Pisum*	22	15	1170	97.67	2.01	1019	107.54	1.50	1.1011	8x
PA DAPI	*Pisum*	22	16	1196	97.63	2.25	782	107.09	1.51	1.0969	8x
PA DAPI	*Pisum*	22	17	1305	95.47	2.19	897	104.92	1.57	1.0990	8x
PA DAPI	*Pisum*	22	18	1274	102.25	1.81	661	114.44	1.80	1.1192	8x
PA DAPI	*Pisum*	22	19	640	94.24	1.89	1435	53.75	2.42	0.5704	4x
PA DAPI	*Pisum*	22	20	355	93.17	1.69	1067	59.18	2.74	0.6352	4x
PA DAPI	*Pisum*	23	2	673	90.38	1.48	1703	56.79	2.32	0.6283	4x
PA DAPI	*Pisum*	23	3	523	91.08	2.09	613	97.74	1.62	1.0731	8x
PA DAPI	*Pisum*	23	4	459	89.70	1.78	1720	54.67	2.54	0.6095	4x
PA DAPI	*Pisum*	23	6	1166	88.02	2.23	1110	54.19	2.63	0.6157	4x
PA DAPI	*Pisum*	23	8	1368	72.01	2.16	1236	47.89	2.78	0.6650	4x
PA DAPI	*Pisum*	23	9	640	89.63	1.63	1497	55.23	2.28	0.6162	4x
PA DAPI	*Pisum*	23	10	721	72.58	2.27	768	47.11	3.05	0.6491	4x
PA DAPI	*Pisum*	23	11	661	93.94	1.79	2291	57.89	2.16	0.6162	4x
PA DAPI	*Pisum*	23	12	455	91.50	1.54	1497	55.48	2.25	0.6063	4x
PA DAPI	*Pisum*	23	13	870	89.12	1.84	1633	54.58	2.53	0.6124	4x
PA DAPI	*Pisum*	23	14	930	94.63	1.73	682	56.02	2.11	0.5920	4x
PA DAPI	*Pisum*	23	15	937	70.79	2.42	1245	46.80	3.42	0.6611	4x
PA DAPI	*Pisum*	23	16	503	89.92	1.60	2056	57.61	3.01	0.6407	4x

device	standard	population	individual	standard			sample			index	DNA ploidy
				count	mean	cv	count	mean	cv		
PA DAPI	*Pisum*	23	17	851	97.43	1.34	1307	62.73	1.80	0.6438	4x
PA DAPI	*Pisum*	23	18	570	90.68	1.80	1462	59.89	3.05	0.6605	4x
PA DAPI	*Pisum*	23	19	785	95.49	1.56	1364	59.51	2.58	0.6232	4x
PA DAPI	*Pisum*	23	20	744	94.37	1.64	1052	62.29	1.93	0.6601	4x
PA DAPI	*Pisum*	24	2	584	88.97	1.65	1087	51.73	1.85	0.5814	4x
PA DAPI	*Pisum*	24	3	1075	86.25	1.82	955	52.98	2.50	0.6143	4x
PA DAPI	*Pisum*	24	4	876	88.73	1.68	1041	53.92	1.87	0.6077	4x
PA DAPI	*Pisum*	24	7	582	93.13	1.32	1519	61.36	2.16	0.6589	4x
PA DAPI	*Pisum*	24	12	883	89.34	1.92	1361	56.93	2.21	0.6372	4x
PA DAPI	*Pisum*	24	13	531	90.77	1.53	2047	57.32	2.00	0.6315	4x
PA DAPI	*Pisum*	24	14	827	87.38	1.55	1572	57.62	1.67	0.6594	4x
PA DAPI	*Pisum*	24	15	380	91.48	1.21	1346	54.07	2.02	0.5911	4x
PA DAPI	*Pisum*	24	16	531	91.63	1.27	1486	57.17	1.27	0.6239	4x
PA DAPI	*Pisum*	24	17	580	90.98	1.82	2590	57.06	2.50	0.6272	4x
PA DAPI	*Pisum*	24	18	539	89.84	1.45	1509	54.98	2.36	0.6120	4x
PA DAPI	*Pisum*	24	19	705	91.72	1.66	1187	58.82	1.73	0.6413	4x
PA DAPI	*Pisum*	24	20	724	88.10	1.40	1197	56.53	1.67	0.6417	4x
PA DAPI	*Pisum*	25	1	776	93.40	1.31	1285	58.87	1.67	0.6303	4x
PA DAPI	*Pisum*	25	2	1019	85.28	2.95	656	51.20	3.62	0.6004	4x
PA DAPI	*Pisum*	25	3	939	94.04	1.58	1414	59.17	1.81	0.6292	4x
PA DAPI	*Pisum*	25	4	1367	93.72	1.96	1150	59.71	2.22	0.6371	4x
PA DAPI	*Pisum*	25	7	1072	87.03	1.99	1248	52.36	2.40	0.6016	4x
PA DAPI	*Pisum*	25	8	1230	94.08	1.57	966	58.71	2.49	0.6240	4x
PA DAPI	*Pisum*	25	9	431	72.93	2.39	1203	45.47	2.70	0.6235	4x
PA DAPI	*Pisum*	25	11	589	93.55	1.43	1018	59.70	1.55	0.6382	4x
PA DAPI	*Pisum*	25	12	1038	93.35	1.58	1073	60.08	1.62	0.6436	4x
PA DAPI	*Pisum*	25	13	1298	95.26	1.73	1206	59.27	1.80	0.6222	4x
PA DAPI	*Pisum*	25	14	574	94.19	1.54	1388	58.92	1.87	0.6255	4x
PA DAPI	*Pisum*	25	15	765	96.19	1.70	1270	58.03	1.95	0.6033	4x
PA DAPI	*Pisum*	25	16	1274	93.60	1.44	1286	59.57	1.62	0.6364	4x
PA DAPI	*Pisum*	25	17	873	92.97	1.36	1083	58.57	1.83	0.6300	4x
PA DAPI	*Pisum*	25	18	1039	94.02	1.71	1363	58.81	2.20	0.6255	4x
PA DAPI	*Pisum*	25	19	1569	93.84	1.45	1233	57.20	1.73	0.6095	4x
PA DAPI	*Pisum*	25	20	1155	93.21	1.38	983	58.16	1.71	0.6240	4x
PA DAPI	*Pisum*	26	2	582	75.05	1.94	1185	85.17	2.08	1.1348	8x
PA DAPI	*Pisum*	26	3	1515	86.97	1.88	890	97.94	1.48	1.1261	8x
PA DAPI	*Pisum*	26	4	1940	93.36	1.30	557	113.10	1.55	1.2114	8x
PA DAPI	*Pisum*	26	5	526	72.44	1.81	1497	85.81	2.26	1.1846	8x
PA DAPI	*Pisum*	26	6	1220	81.08	1.71	799	96.17	1.54	1.1861	8x
PA DAPI	*Pisum*	26	7	278	77.83	1.74	1231	88.38	2.00	1.1356	8x
PA DAPI	*Pisum*	26	8	920	75.90	1.93	1246	87.27	2.05	1.1498	8x
PA DAPI	*Pisum*	26	9	342	76.35	1.80	1528	86.38	2.06	1.1314	8x
PA DAPI	*Pisum*	26	11	544	73.58	1.97	1029	81.74	2.03	1.1109	8x
PA DAPI	*Pisum*	26	12	344	73.29	1.89	1336	83.66	2.22	1.1415	8x
PA DAPI	*Pisum*	26	13	984	72.24	2.26	1018	86.86	2.36	1.2024	8x
PA DAPI	*Pisum*	26	14	340	78.41	1.67	1080	90.15	1.93	1.1497	8x
PA DAPI	*Pisum*	26	15	548	76.55	1.90	1505	87.52	2.05	1.1433	8x
PA DAPI	*Pisum*	26	16	719	73.37	1.92	1576	82.36	2.26	1.1225	8x
PA DAPI	*Pisum*	26	17	381	78.91	1.88	956	92.46	2.03	1.1717	8x
PA DAPI	*Pisum*	26	18	613	75.72	1.81	1316	87.04	1.85	1.1495	8x
PA DAPI	*Pisum*	26	19	691	76.22	1.78	1039	90.34	1.89	1.1853	8x
PA DAPI	*Pisum*	26	20	591	71.52	1.75	1151	80.22	2.11	1.1216	8x
PA DAPI	*Pisum*	27	1	2009	79.84	1.78	795	93.84	1.63	1.1754	8x
PA DAPI	*Pisum*	27	4	1756	91.06	1.35	792	101.49	1.75	1.1145	8x
PA DAPI	*Pisum*	27	5	1271	80.45	1.94	618	92.77	2.04	1.1531	8x

device	standard	population	individual	standard			sample			index	DNA ploidy
				count	mean	cv	count	mean	cv		
PA DAPI	*Pisum*	27	9	1144	79.71	2.17	718	93.04	2.36	1.1672	8x
PA DAPI	*Pisum*	27	10	1627	92.84	1.30	833	102.56	1.25	1.1047	8x
PA DAPI	*Pisum*	27	11	1692	93.31	1.29	1142	100.97	1.44	1.0821	8x
PA DAPI	*Pisum*	27	13	899	95.10	1.52	1383	107.99	1.39	1.1355	8x
PA DAPI	*Pisum*	27	14	2367	79.55	2.03	946	93.54	1.98	1.1759	8x
PA DAPI	*Pisum*	27	15	1307	91.68	1.83	1029	104.23	1.73	1.1369	8x
PA DAPI	*Pisum*	27	16	1907	93.18	1.60	447	104.37	1.68	1.1201	8x
PA DAPI	*Pisum*	27	17	1236	97.45	1.36	1578	107.78	1.37	1.1060	8x
PA DAPI	*Pisum*	27	18	885	96.05	1.75	1998	107.21	1.69	1.1162	8x
PA DAPI	*Pisum*	27	19	1079	81.37	2.14	1422	91.09	2.21	1.1195	8x
PA DAPI	*Pisum*	28	1	1011	87.35	1.50	1715	101.97	2.39	1.1674	8x
PA DAPI	*Pisum*	28	3	884	93.71	1.34	1477	98.41	1.22	1.0502	8x
PA DAPI	*Pisum*	28	4	1751	92.91	1.68	1115	100.44	1.50	1.0810	8x
PA DAPI	*Pisum*	28	5	1381	94.82	1.66	544	106.49	1.53	1.1231	8x
PA DAPI	*Pisum*	28	6	1100	90.16	1.35	1107	97.34	1.33	1.0796	8x
PA DAPI	*Pisum*	28	12	855	94.25	1.90	1044	103.69	1.85	1.1002	8x
PA DAPI	*Pisum*	28	15	583	90.17	1.13	1216	97.08	1.44	1.0766	8x
PA DAPI	*Pisum*	28	16	637	86.33	1.58	1324	93.08	1.59	1.0782	8x
PA DAPI	*Pisum*	28	20	1322	88.03	1.65	771	97.55	1.44	1.1081	8x
PA DAPI	*Pisum*	29	1	739	79.15	2.06	898	27.15	3.43	0.3430	2x
PA DAPI	*Pisum*	29	2	600	79.99	2.05	1026	29.56	2.79	0.3695	2x
PA DAPI	*Pisum*	29	4	474	98.78	1.87	702	35.30	2.42	0.3574	2x
PA DAPI	*Pisum*	29	5	436	97.81	1.55	1010	35.09	2.59	0.3588	2x
PA DAPI	*Pisum*	29	7	616	97.80	1.80	762	34.65	2.99	0.3543	2x
PA DAPI	*Pisum*	29	9	606	99.20	1.59	801	35.36	2.58	0.3565	2x
PA DAPI	*Pisum*	29	10	508	99.27	1.84	722	35.54	2.71	0.3580	2x
PA DAPI	*Pisum*	29	11	502	95.53	1.38	1051	33.78	2.39	0.3536	2x
PA DAPI	*Pisum*	29	13	956	83.57	2.00	805	29.11	2.95	0.3483	2x
PA DAPI	*Pisum*	29	15	489	85.28	1.75	996	29.73	3.30	0.3486	2x
PA DAPI	*Pisum*	29	16	630	83.53	2.21	1097	28.90	2.82	0.3460	2x
PA DAPI	*Pisum*	29	18	550	99.59	1.67	769	35.85	2.29	0.3600	2x
PA DAPI	*Pisum*	29	19	618	92.88	1.86	1252	34.13	2.61	0.3675	2x
PA DAPI	*Pisum*	29	20	392	84.50	1.80	994	29.74	2.58	0.3520	2x
PA DAPI	*Pisum*	30	5	1884	102.47	1.69	1205	113.80	1.53	1.1106	8x
PA DAPI	*Pisum*	30	6	896	82.85	1.64	1289	95.66	1.51	1.1546	8x
PA DAPI	*Pisum*	30	10	1165	99.81	1.46	678	110.62	1.27	1.1083	8x
PA DAPI	*Pisum*	30	11	396	98.67	1.42	820	109.96	1.26	1.1144	8x
PA DAPI	*Pisum*	30	12	1203	91.87	2.18	1111	99.98	1.84	1.0883	8x
PA DAPI	*Pisum*	30	14	1787	81.25	1.82	919	95.32	1.76	1.1732	8x
PA DAPI	*Pisum*	30	15	458	99.32	1.32	893	109.88	1.16	1.1063	8x
PA DAPI	*Pisum*	30	16	1783	99.88	1.64	1013	112.93	1.25	1.1307	8x
PA DAPI	*Pisum*	30	19	691	99.26	1.32	952	105.92	1.49	1.0671	8x
PA DAPI	*Pisum*	30	20	707	98.63	1.37	702	106.04	1.27	1.0751	8x
PA DAPI	*Pisum*	31	1	1057	98.43	1.71	1010	60.49	2.15	0.6145	4x
PA DAPI	*Pisum*	31	4	870	94.80	1.90	1844	59.61	2.95	0.6288	4x
PA DAPI	*Pisum*	31	5	611	96.17	1.58	1561	54.13	3.33	0.5629	4x
PA DAPI	*Pisum*	31	8	981	94.58	1.89	1143	57.32	2.52	0.6060	4x
PA DAPI	*Pisum*	31	9	1252	97.90	1.94	1154	60.26	3.51	0.6155	4x
PA DAPI	*Pisum*	31	11	528	96.11	2.00	1333	57.55	2.25	0.5988	4x
PA DAPI	*Pisum*	31	13	683	95.77	1.64	1232	57.78	2.38	0.6033	4x
PA DAPI	*Pisum*	31	16	664	97.77	1.39	1307	57.90	2.32	0.5922	4x
PA DAPI	*Pisum*	31	17	629	94.01	2.16	2143	57.82	2.47	0.6150	4x
PA DAPI	*Pisum*	31	18	698	98.59	1.49	1427	58.66	2.52	0.5950	4x
PA DAPI	*Pisum*	31	20	525	97.01	1.52	2015	55.74	2.68	0.5746	4x
PA DAPI	*Pisum*	32	4	972	101.92	1.75	1393	116.62	1.32	1.1442	8x

device	standard	population	individual	standard			sample			index	DNA ploidy
				count	mean	cv	count	mean	cv		
PA DAPI	*Pisum*	32	5	1040	101.69	1.57	1150	111.11	1.61	1.0926	8x
PA DAPI	*Pisum*	32	8	902	101.70	1.48	1232	109.00	1.25	1.0718	8x
PA DAPI	*Pisum*	32	9	1821	100.68	2.02	1241	109.97	1.52	1.0923	8x
PA DAPI	*Pisum*	32	11	939	95.27	1.63	1636	101.80	1.63	1.0685	8x
PA DAPI	*Pisum*	32	12	1402	104.18	1.68	925	118.94	1.42	1.1417	8x
PA DAPI	*Pisum*	32	13	1636	103.15	1.65	852	115.84	1.45	1.1230	8x
PA DAPI	*Pisum*	32	14	1244	99.47	1.85	1077	109.24	1.40	1.0982	8x
PA DAPI	*Pisum*	32	15	789	101.72	1.52	1021	108.43	1.28	1.0660	8x
PA DAPI	*Pisum*	32	16	1083	100.73	1.97	1394	112.57	1.83	1.1175	8x
PA DAPI	*Pisum*	32	17	1140	99.03	1.78	1427	107.67	1.78	1.0872	8x
PA DAPI	*Pisum*	32	18	1346	102.05	1.85	1366	113.41	1.39	1.1113	8x
PA DAPI	*Pisum*	33	7	1101	103.89	1.15	1310	110.22	1.53	1.0609	8x
PA DAPI	*Pisum*	33	8	1410	101.05	1.56	1361	114.42	1.53	1.1323	8x
PA DAPI	*Pisum*	33	9	1400	100.69	1.61	1358	113.13	1.84	1.1235	8x
PA DAPI	*Pisum*	33	11	1732	102.32	1.59	1108	110.21	1.50	1.0771	8x
PA DAPI	*Pisum*	33	12	699	71.27	1.67	778	83.08	1.93	1.1657	8x
PA DAPI	*Pisum*	33	14	677	102.87	1.13	874	114.46	1.27	1.1127	8x
PA DAPI	*Pisum*	33	16	849	102.20	1.06	684	112.90	1.24	1.1047	8x
PA DAPI	*Pisum*	34	2	973	102.82	1.64	941	112.49	1.35	1.0940	8x
PA DAPI	*Pisum*	34	3	1332	90.80	1.72	1476	105.03	1.64	1.1567	8x
PA DAPI	*Pisum*	34	4	688	97.52	1.88	1204	35.58	2.63	0.3648	2x
PA DAPI	*Pisum*	34	6	1871	91.86	2.02	889	105.82	1.70	1.1520	8x
PA DAPI	*Pisum*	34	7	733	89.10	1.60	740	32.27	2.14	0.3622	2x
PA DAPI	*Pisum*	34	10	910	89.62	1.79	1042	32.54	2.75	0.3631	2x
PA DAPI	*Pisum*	34	11	841	79.68	2.02	1492	92.32	1.82	1.1586	8x
PA DAPI	*Pisum*	34	12	1820	93.37	1.56	1277	107.51	1.61	1.1514	8x
PA DAPI	*Pisum*	34	13	1384	89.94	1.68	745	102.55	1.47	1.1402	8x
PA DAPI	*Pisum*	34	15	595	90.36	1.75	977	32.21	2.51	0.3565	2x
PA DAPI	*Pisum*	34	16	739	88.78	1.93	1755	32.14	3.05	0.3620	2x
PA DAPI	*Pisum*	34	17	960	95.39	1.73	1476	34.98	2.57	0.3667	2x
PA DAPI	*Pisum*	34	18	931	93.00	1.77	1727	33.77	2.46	0.3631	2x
PA DAPI	*Pisum*	34	19	442	78.13	2.02	948	29.52	3.29	0.3778	2x
PA DAPI	*Pisum*	34	20	1125	81.77	2.17	2069	93.89	1.87	1.1482	8x
PA DAPI	*Pisum*	36	1	968	102.61	1.59	1133	112.62	1.39	1.0976	8x
PA DAPI	*Pisum*	36	4	982	103.74	1.39	621	117.10	1.39	1.1288	8x
PA DAPI	*Pisum*	36	5	694	88.93	1.55	609	103.71	1.46	1.1662	8x
PA DAPI	*Pisum*	36	6	446	94.45	1.48	155	104.63	1.46	1.1078	8x
PA DAPI	*Pisum*	36	7	742	90.26	1.71	1124	103.06	1.44	1.1418	8x
PA DAPI	*Pisum*	36	8	548	85.61	1.81	1016	100.83	1.86	1.1778	8x
PA DAPI	*Pisum*	36	9	367	82.76	1.91	1547	93.60	1.89	1.1310	8x
PA DAPI	*Pisum*	36	11	570	85.44	1.91	1404	100.89	1.82	1.1808	8x
PA DAPI	*Pisum*	36	12	486	108.89	1.54	1212	126.83	1.71	1.1648	8x
PA DAPI	*Pisum*	36	13	866	81.25	1.95	1521	92.23	1.88	1.1351	8x
PA DAPI	*Pisum*	36	14	1203	89.70	1.45	922	97.00	1.45	1.0814	8x
PA DAPI	*Pisum*	36	16	521	86.80	1.70	1403	99.74	2.00	1.1491	8x
PA DAPI	*Pisum*	36	17	530	84.31	1.82	1104	97.19	1.74	1.1528	8x
PA DAPI	*Pisum*	36	18	1111	91.66	1.85	769	105.81	2.05	1.1544	8x
PA DAPI	*Pisum*	36	19	563	84.00	2.01	2255	95.26	1.93	1.1340	8x
PA DAPI	*Pisum*	36	20	428	80.67	2.12	2011	94.73	1.98	1.1743	8x
PA DAPI	*Pisum*	37	1	1473	97.20	1.36	520	105.36	1.22	1.0840	8x
PA DAPI	*Pisum*	37	4	1330	102.85	1.61	860	110.37	1.32	1.0731	8x
PA DAPI	*Pisum*	37	8	1381	99.05	1.27	640	107.04	1.17	1.0807	8x
PA DAPI	*Pisum*	37	10	1519	102.93	1.64	996	108.85	1.31	1.0575	8x
PA DAPI	*Pisum*	37	11	1010	96.91	1.23	736	109.40	1.19	1.1289	8x
PA DAPI	*Pisum*	37	12	501	97.82	1.50	1008	110.31	1.31	1.1277	8x

device	standard	population	individual	standard			sample			index	DNA ploidy
				count	mean	cv	count	mean	cv		
PA DAPI	*Pisum*	37	13	986	96.49	1.30	1388	105.34	1.22	1.0917	8x
PA DAPI	*Pisum*	37	14	2009	94.99	1.70	2291	103.42	1.52	1.0887	8x
PA DAPI	*Pisum*	37	15	650	92.69	1.52	1112	101.39	1.19	1.0939	8x
PA DAPI	*Pisum*	37	16	1292	95.42	1.39	1240	106.88	1.36	1.1201	8x
PA DAPI	*Pisum*	37	17	1171	99.46	1.37	1160	109.41	1.25	1.1000	8x
PA DAPI	*Pisum*	37	18	981	98.39	1.42	1090	105.68	1.16	1.0741	8x
PA DAPI	*Pisum*	37	19	1735	98.79	1.98	1243	109.69	1.96	1.1103	8x
PA DAPI	*Pisum*	37	20	1074	97.54	1.75	1625	109.99	1.80	1.1276	8x
PA DAPI	*Pisum*	38	1	1394	80.57	2.08	722	91.52	1.97	1.1359	8x
PA DAPI	*Pisum*	38	2	1060	78.81	1.94	1160	88.22	1.75	1.1194	8x
PA DAPI	*Pisum*	38	3	1702	101.79	1.58	1053	110.07	1.34	1.0813	8x
PA DAPI	*Pisum*	38	4	1040	80.96	1.66	1040	94.55	1.64	1.1679	8x
PA DAPI	*Pisum*	38	6	1351	80.07	1.77	1005	90.67	1.87	1.1324	8x
PA DAPI	*Pisum*	38	8	1848	78.81	2.00	1131	93.07	1.99	1.1809	8x
PA DAPI	*Pisum*	38	12	1211	78.39	1.72	878	90.14	1.79	1.1499	8x
PA DAPI	*Pisum*	38	13	532	75.89	1.84	636	82.77	1.84	1.0907	8x
PA DAPI	*Pisum*	38	14	1340	101.62	1.43	1054	108.58	1.32	1.0685	8x
PA DAPI	*Pisum*	38	15	1211	101.19	1.34	847	114.20	1.43	1.1286	8x
PA DAPI	*Pisum*	38	17	703	76.07	1.85	1557	83.74	1.73	1.1008	8x
PA DAPI	*Pisum*	38	18	852	79.84	1.34	1106	87.77	1.92	1.0993	8x
PA DAPI	*Pisum*	38	19	1380	79.76	1.92	2057	93.04	2.05	1.1665	8x
PA DAPI	*Pisum*	38	20	1160	81.00	1.89	1289	93.71	2.44	1.1569	8x
PA DAPI	*Pisum*	39	1	1327	88.79	1.84	658	100.65	1.55	1.1336	8x
PA DAPI	*Pisum*	39	3	600	101.13	1.30	804	111.60	1.11	1.1035	8x
PA DAPI	*Pisum*	39	4	1050	89.86	1.60	806	103.26	1.43	1.1491	8x
PA DAPI	*Pisum*	39	5	1264	96.66	1.38	753	102.21	1.07	1.0574	8x
PA DAPI	*Pisum*	39	12	2023	89.82	1.73	1516	102.91	1.54	1.1457	8x
PA DAPI	*Pisum*	39	13	564	92.80	1.73	2001	104.40	1.71	1.1250	8x
PA DAPI	*Pisum*	39	14	1224	95.59	1.22	796	106.12	1.18	1.1102	8x
PA DAPI	*Pisum*	39	15	938	88.89	1.76	1752	98.67	1.84	1.1100	8x
PA DAPI	*Pisum*	39	16	834	101.99	1.24	700	109.65	1.12	1.0751	8x
PA DAPI	*Pisum*	39	17	1424	87.43	1.98	969	96.74	1.59	1.1065	8x
PA DAPI	*Pisum*	39	18	1273	87.89	1.85	1556	98.33	1.80	1.1188	8x
PA DAPI	*Pisum*	39	19	845	81.72	1.84	1075	92.04	1.64	1.1263	8x
PA DAPI	*Pisum*	39	20	1180	87.45	1.63	1330	101.47	1.83	1.1603	8x
PA DAPI	*Pisum*	40	4	1374	92.61	2.07	884	101.13	1.73	1.0920	8x
PA DAPI	*Pisum*	40	9	1558	94.72	1.43	619	104.16	1.23	1.0997	8x
PA DAPI	*Pisum*	40	12	1065	100.55	1.52	1047	109.32	1.27	1.0872	8x
PA DAPI	*Pisum*	40	13	1189	99.67	1.36	932	105.59	1.32	1.0594	8x
PA DAPI	*Pisum*	40	14	669	100.96	1.36	997	116.71	1.11	1.1560	8x
PA DAPI	*Pisum*	40	15	831	101.58	1.27	680	108.39	1.08	1.0670	8x
PA DAPI	*Pisum*	40	16	874	99.82	1.51	1108	109.80	1.45	1.1000	8x
PA DAPI	*Pisum*	40	17	1313	101.42	1.65	911	107.28	1.24	1.0578	8x
PA DAPI	*Pisum*	41	5	795	93.59	1.88	1426	53.24	2.75	0.5689	4x
PA DAPI	*Pisum*	41	6	618	102.42	1.41	1382	56.95	1.99	0.5560	4x
PA DAPI	*Pisum*	41	10	265	99.41	2.32	243	61.32	3.00	0.6168	4x
PA DAPI	*Pisum*	41	11	762	99.12	2.15	1715	59.67	2.72	0.6020	4x
PA DAPI	*Pisum*	41	12	1180	94.66	1.60	2834	56.45	2.75	0.5963	4x
PA DAPI	*Pisum*	41	13	764	94.44	1.75	1417	55.77	2.53	0.5905	4x
PA DAPI	*Pisum*	41	14	678	98.06	1.67	2290	57.93	2.21	0.5908	4x
PA DAPI	*Pisum*	41	15	690	93.11	1.32	2208	55.27	2.33	0.5936	4x
PA DAPI	*Pisum*	41	16	586	99.45	1.85	1948	60.88	2.57	0.6122	4x
PA DAPI	*Pisum*	41	17	735	102.47	1.39	1765	58.03	2.46	0.5663	4x
PA DAPI	*Pisum*	41	18	500	99.39	1.58	2888	57.10	2.67	0.5745	4x
PA DAPI	*Pisum*	41	19	822	103.45	1.14	2008	60.17	1.93	0.5816	4x

device	standard	population	individual	standard			sample			index	DNA ploidy
				count	mean	cv	count	mean	cv		
PA DAPI	*Pisum*	41	20	548	97.12	1.41	1921	56.73	1.98	0.5841	4x
PA DAPI	*Pisum*	41	21	773	99.73	1.79	1447	60.38	2.08	0.6054	4x
PA DAPI	*Pisum*	41	22	567	96.64	2.42	2021	57.19	2.10	0.5918	4x
PA DAPI	*Pisum*	41	23	407	98.74	1.84	1800	54.50	2.35	0.5520	4x
PA DAPI	*Pisum*	42	1	459	94.59	1.34	1357	57.18	1.58	0.6045	4x
PA DAPI	*Pisum*	42	2	980	94.35	1.50	1009	33.78	2.94	0.3580	2x
PA DAPI	*Pisum*	42	3	1065	94.21	1.29	1335	57.31	2.07	0.6083	4x
PA DAPI	*Pisum*	42	5	896	94.76	1.61	1243	34.22	2.94	0.3611	2x
PA DAPI	*Pisum*	42	6	818	94.90	1.17	818	34.25	2.58	0.3609	2x
PA DAPI	*Pisum*	42	9	644	93.76	1.18	701	60.64	1.95	0.6468	4x
PA DAPI	*Pisum*	42	11	516	93.49	1.30	1899	32.97	3.31	0.3527	2x
PA DAPI	*Pisum*	43	1	778	98.67	1.59	1218	60.13	2.24	0.6094	4x
PA DAPI	*Pisum*	43	4	658	91.06	1.36	1392	53.05	2.14	0.5826	4x
PA DAPI	*Pisum*	43	5	1005	89.57	1.64	1131	54.57	2.35	0.6092	4x
PA DAPI	*Pisum*	43	11	734	95.10	1.30	1143	56.31	2.10	0.5921	4x
PA DAPI	*Pisum*	43	12	685	91.48	1.32	1374	53.41	1.82	0.5838	4x
PA DAPI	*Pisum*	43	13	533	93.71	1.36	2073	55.95	3.04	0.5971	4x
PA DAPI	*Pisum*	43	14	781	96.65	2.16	1833	57.30	2.40	0.5929	4x
PA DAPI	*Pisum*	43	15	699	94.62	1.30	882	54.45	1.95	0.5755	4x
PA DAPI	*Pisum*	43	16	789	92.27	1.35	1260	53.10	2.22	0.5755	4x
PA DAPI	*Pisum*	43	17	798	91.02	1.44	1255	56.60	2.20	0.6218	4x
PA DAPI	*Pisum*	43	18	734	93.43	1.66	1331	56.33	1.90	0.6029	4x
PA DAPI	*Pisum*	43	19	405	93.71	1.75	2425	56.65	2.07	0.6045	4x
PA DAPI	*Pisum*	43	20	711	94.40	1.34	1326	55.18	2.40	0.5845	4x
PA DAPI	*Pisum*	44	1	842	95.10	1.26	850	58.13	2.07	0.6113	4x
PA DAPI	*Pisum*	44	3	683	94.25	1.45	1611	59.91	2.18	0.6356	4x
PA DAPI	*Pisum*	44	4	862	94.92	1.25	1418	61.74	1.98	0.6504	4x
PA DAPI	*Pisum*	44	5	741	94.57	1.79	1751	60.32	1.91	0.6378	4x
PA DAPI	*Pisum*	44	6	676	94.82	1.46	1716	55.85	2.09	0.5890	4x
PA DAPI	*Pisum*	44	8	900	95.12	1.29	1262	55.47	1.83	0.5832	4x
PA DAPI	*Pisum*	44	9	477	94.63	1.29	839	59.98	1.68	0.6338	4x
PA DAPI	*Pisum*	44	11	665	94.32	1.43	1614	57.08	2.44	0.6052	4x
PA DAPI	*Pisum*	44	12	379	95.02	1.45	2516	60.06	2.34	0.6321	4x
PA DAPI	*Pisum*	44	13	488	95.33	1.42	1719	61.02	2.01	0.6401	4x
PA DAPI	*Pisum*	44	14	733	94.12	1.36	918	57.94	1.88	0.6156	4x
PA DAPI	*Pisum*	44	15	1110	94.36	1.47	947	55.34	1.99	0.5865	4x
PA DAPI	*Pisum*	44	16	732	95.01	1.20	1358	55.44	2.38	0.5835	4x
PA DAPI	*Pisum*	44	17	661	95.01	1.35	1724	59.29	2.07	0.6240	4x
PA DAPI	*Pisum*	44	18	651	94.73	1.15	1046	55.87	1.93	0.5898	4x
PA DAPI	*Pisum*	44	19	615	94.94	1.28	1813	55.81	2.09	0.5878	4x
PA DAPI	*Pisum*	44	20	439	94.53	1.28	1793	56.00	2.10	0.5924	4x
PA DAPI	*Pisum*	45	1	398	88.09	1.71	1792	50.99	2.03	0.5788	4x
PA DAPI	*Pisum*	45	2	558	101.20	1.35	841	59.87	1.66	0.5916	4x
PA DAPI	*Pisum*	45	11	645	78.44	1.86	1112	46.88	2.56	0.5977	4x
PA DAPI	*Pisum*	45	16	721	91.19	1.39	1254	56.09	1.96	0.6151	4x
PA DAPI	*Pisum*	45	19	574	89.38	1.20	1455	54.92	1.91	0.6145	4x
PA DAPI	*Pisum*	45	20	440	96.12	1.35	1589	59.97	1.88	0.6239	4x
PA DAPI	*Pisum*	46	1	429	92.23	1.39	1532	32.03	3.34	0.3473	2x
PA DAPI	*Pisum*	46	2	769	92.52	1.66	2283	32.02	3.44	0.3461	2x
PA DAPI	*Pisum*	46	3	745	94.14	1.32	685	32.62	3.17	0.3465	2x
PA DAPI	*Pisum*	46	7	367	90.25	1.74	2397	32.26	3.66	0.3575	2x
PA DAPI	*Pisum*	46	8	570	95.77	1.69	2533	33.97	2.85	0.3547	2x
PA DAPI	*Pisum*	46	10	822	104.58	1.30	1223	37.42	2.66	0.3578	2x
PA DAPI	*Pisum*	46	13	413	93.43	1.26	2006	32.39	3.57	0.3467	2x
PA DAPI	*Pisum*	46	15	319	93.79	1.44	1205	33.23	3.06	0.3543	2x

device	standard	population	individual	standard			sample			index	DNA ploidy
				count	mean	cv	count	mean	cv		
PA DAPI	*Pisum*	46	16	610	91.38	1.24	1829	31.83	2.97	0.3483	2x
PA DAPI	*Pisum*	46	17	311	100.14	2.93	2064	36.21	2.96	0.3616	2x
PA DAPI	*Pisum*	46	18	554	95.35	1.40	1442	33.13	2.80	0.3475	2x
PA DAPI	*Pisum*	46	19	837	92.82	1.68	1136	32.94	2.99	0.3549	2x
PA DAPI	*Pisum*	47	2	489	100.56	1.59	921	117.61	1.05	1.1696	8x
PA DAPI	*Pisum*	47	3	604	98.61	1.28	916	113.71	1.22	1.1531	8x
PA DAPI	*Pisum*	47	13	579	101.02	1.55	918	112.36	1.22	1.1123	8x
PA DAPI	*Pisum*	47	14	623	101.52	1.27	872	112.59	1.08	1.1090	8x
PA DAPI	*Pisum*	47	15	580	101.29	1.56	1794	112.17	1.25	1.1074	8x
PA DAPI	*Pisum*	47	16	402	101.80	1.36	1939	114.98	1.20	1.1295	8x
PA DAPI	*Pisum*	47	18	557	101.51	1.50	1041	113.45	1.25	1.1176	8x
PA DAPI	*Pisum*	47	19	526	101.97	1.17	1141	114.21	1.19	1.1200	8x
PA DAPI	*Pisum*	47	20	677	101.02	1.23	587	108.02	1.11	1.0693	8x
PA DAPI	*Pisum*	49	1	618	92.03	1.82	1710	33.12	3.04	0.3599	2x
PA DAPI	*Pisum*	49	2	413	92.80	1.19	1455	33.09	2.05	0.3566	2x
PA DAPI	*Pisum*	49	3	791	100.40	1.49	1217	36.08	2.76	0.3594	2x
PA DAPI	*Pisum*	49	4	484	92.47	1.55	1056	33.19	2.36	0.3589	2x
PA DAPI	*Pisum*	49	5	885	93.06	1.19	2656	32.87	2.27	0.3532	2x
PA DAPI	*Pisum*	49	6	450	97.71	1.99	1697	35.17	2.41	0.3599	2x
PA DAPI	*Pisum*	49	7	435	92.04	1.67	1465	32.64	2.59	0.3546	2x
PA DAPI	*Pisum*	49	8	608	92.13	1.83	1684	32.94	2.37	0.3575	2x
PA DAPI	*Pisum*	49	9	518	91.20	1.76	2115	32.45	2.85	0.3558	2x
PA DAPI	*Pisum*	49	10	686	92.61	1.55	1314	32.05	2.55	0.3461	2x
PA DAPI	*Pisum*	49	11	930	92.32	1.41	975	32.39	2.61	0.3508	2x
PA DAPI	*Pisum*	49	12	712	92.11	1.68	1763	34.74	3.48	0.3772	2x
PA DAPI	*Pisum*	49	13	395	105.89	1.34	2399	37.95	2.83	0.3584	2x
PA DAPI	*Pisum*	49	14	567	92.05	1.95	1322	32.63	2.91	0.3545	2x
PA DAPI	*Pisum*	49	15	394	92.61	1.66	1740	32.80	2.56	0.3542	2x
PA DAPI	*Pisum*	49	16	574	93.16	1.31	1267	32.73	3.13	0.3513	2x
PA DAPI	*Pisum*	49	17	407	96.97	1.49	1901	34.21	2.44	0.3528	2x
PA DAPI	*Pisum*	49	18	960	92.76	1.73	752	32.64	3.50	0.3519	2x
PA DAPI	*Pisum*	49	19	666	90.38	1.64	2368	32.29	3.01	0.3573	2x
PA DAPI	*Pisum*	49	20	501	91.60	1.72	1808	32.92	2.90	0.3594	2x
PA DAPI	*Pisum*	50	6	478	93.34	1.75	914	33.39	3.24	0.3577	2x
PA DAPI	*Pisum*	50	7	297	92.29	1.82	1865	32.64	2.84	0.3537	2x
PA DAPI	*Pisum*	50	8	1145	94.95	1.30	855	33.32	3.59	0.3509	2x
PA DAPI	*Pisum*	50	9	573	95.76	1.57	1402	33.81	3.00	0.3531	2x
PA DAPI	*Pisum*	50	10	755	92.37	1.25	1201	32.70	2.92	0.3540	2x
PA DAPI	*Pisum*	50	11	1051	92.46	1.22	1457	32.75	2.81	0.3542	2x
PA DAPI	*Pisum*	50	12	645	93.34	1.47	1139	32.56	3.00	0.3488	2x
PA DAPI	*Pisum*	50	13	869	91.87	1.37	1205	32.89	2.53	0.3580	2x
PA DAPI	*Pisum*	50	14	441	93.02	1.48	2310	32.91	2.60	0.3538	2x
PA DAPI	*Pisum*	50	15	1043	90.87	1.95	1176	32.81	2.68	0.3611	2x
PA DAPI	*Pisum*	50	16	296	91.15	1.87	3559	33.09	2.81	0.3630	2x
PA DAPI	*Pisum*	50	17	754	92.31	1.73	1108	32.75	2.72	0.3548	2x
PA DAPI	*Pisum*	50	18	740	91.68	1.46	1256	32.79	2.92	0.3577	2x
PA DAPI	*Pisum*	50	19	859	92.97	1.43	888	32.91	2.35	0.3540	2x
PA DAPI	*Pisum*	50	20	595	90.95	1.76	2303	32.63	2.59	0.3588	2x
PA DAPI	*Pisum*		1	1024	91.78	2.21	1394	31.98	3.52	0.3484	2x
PA DAPI	*Pisum*		2	878	79.04	1.57	2348	27.22	3.54	0.3444	2x
PA DAPI	*Pisum*		3	1037	92.31	1.40	440	73.53	1.21	0.7966	5x
PA DAPI	*Pisum*		6	683	73.25	1.91	1691	26.41	3.66	0.3605	2x
PA DAPI	*Pisum*		9	526	91.13	1.71	1729	32.24	3.12	0.3538	2x
PA DAPI	*Pisum*		13	1210	90.11	2.31	1175	54.71	2.64	0.6071	4x

device	standard	population	individual	standard			sample			index	DNA ploidy
				count	mean	cv	count	mean	cv		
PA DAPI	*Pisum*		16	899	91.02	2.13	1355	55.81	2.51	0.6132	4x
PA DAPI	*Pisum*		18	588	90.59	2.00	1770	54.32	2.84	0.5996	4x
PA DAPI	*Pisum*		23	961	92.19	1.92	1183	32.81	2.24	0.3559	2x
PA DAPI	*Pisum*		27	363	86.83	2.05	1704	52.37	2.34	0.6031	4x
PA DAPI	*Pisum*		28	1118	90.92	1.73	537	57.19	2.03	0.6290	4x
PA DAPI	*Pisum*		32	1135	99.13	1.65	424	34.12	3.96	0.3442	2x
PA DAPI	*Pisum*		36	938	92.93	1.62	1081	56.39	1.92	0.6068	4x
PA DAPI	*Pisum*		38	457	88.04	1.75	1007	96.69	1.51	1.0983	8x
PA DAPI	*Pisum*		40	431	80.66	1.92	952	91.06	1.44	1.1289	8x
PA DAPI	*Pisum*		41	533	71.64	1.89	850	81.82	1.84	1.1421	8x
PA DAPI	*Pisum*		44	330	79.22	1.92	987	49.14	2.31	0.6203	4x
PA DAPI	*Pisum*		47	733	92.28	1.40	984	100.82	1.27	1.0925	8x
PA DAPI	*Pisum*		51	683	100.14	1.33	390	66.75	2.70	0.6666	4x
PA DAPI	*Pisum*		52	944	92.66	1.34	770	102.13	1.19	1.1022	8x
PA DAPI	*Pisum*		55	1318	80.95	1.71	873	95.91	1.73	1.1848	8x
PA DAPI	*Pisum*		58	655	87.31	1.57	1056	96.19	1.35	1.1017	8x
PA DAPI	*Pisum*		60	425	80.08	2.07	2129	52.94	2.37	0.6611	4x
PA DAPI	*Pisum*		62	671	86.33	1.59	856	30.40	3.23	0.3521	2x
PA DAPI	*Pisum*		65	886	100.32	1.68	653	64.40	2.14	0.6419	4x
PA DAPI	*Pisum*		67	984	92.12	1.30	746	103.98	1.34	1.1287	8x
PA DAPI	*Pisum*		69	489	89.65	1.64	1707	51.96	2.17	0.5796	4x
PA DAPI	*Pisum*		70	763	81.40	1.64	1178	47.39	2.41	0.5822	4x
PA DAPI	*Pisum*		76	726	84.50	1.84	866	95.36	1.62	1.1285	8x
PA DAPI	*Pisum*		78	1256	90.46	1.56	794	52.48	2.62	0.5801	4x
PA DAPI	*Pisum*		80	1440	94.05	1.45	839	56.10	1.97	0.5965	4x
PA DAPI	*Pisum*		83	1138	96.60	1.44	1315	34.36	2.34	0.3557	2x
PA DAPI	*Pisum*		85-3	669	90.00	1.62	763	32.50	3.28	0.3611	2x
PA DAPI	*Pisum*		86	535	90.89	1.64	1897	33.81	3.59	0.3720	2x
PA DAPI	*Pisum*		87	181	93.72	1.64	280	55.74	2.49	0.5948	4x
PA DAPI	*Pisum*		90	696	94.50	1.55	1161	57.30	2.55	0.6063	4x
PA DAPI	*Pisum*		95	926	98.40	1.78	1090	57.64	2.48	0.5858	4x
PA DAPI	*Pisum*		101	1095	92.86	2.65	1191	54.46	3.17	0.5865	4x
PA DAPI	*Pisum*		103	616	92.68	3.19	976	56.04	3.73	0.6047	4x

summary statistics populations

population	DNA ploidy	index median	index minimum	index maximum	N
1	8	1.079	1.062	1.119	5
3	2	0.354	0.349	0.363	15
4	4	0.622	0.583	0.652	16
5	4	0.636	0.607	0.662	17
6	2	0.355	0.352	0.358	2
6	4	0.628	0.575	0.679	15
7	4	0.647	0.619	0.667	11
8	2	0.364	0.356	0.367	6
9	4	0.642	0.614	0.675	9
10	4	0.653	0.615	0.674	14
11	4	0.656	0.616	0.704	15
12	8	1.162	1.111	1.215	16
13	4	0.669	0.613	0.705	16
14	2	0.376	0.368	0.390	10
14	8	1.166	1.098	1.206	10
15	8	1.139	1.093	1.201	19
16	4	0.606	0.571	0.647	13
17	4	0.624	0.572	0.691	15
18	8	1.089	1.051	1.105	11
19	8	1.108	1.051	1.170	10
20	8	1.109	1.058	1.251	15
21	4	0.626	0.593	0.649	18
22	4	0.603	0.570	0.635	2
22	8	1.122	1.076	1.225	15
23	4	0.626	0.592	0.665	16
23	8	1.073	1.073	1.073	1
24	4	0.627	0.581	0.659	13
25	4	0.626	0.600	0.644	17
26	8	1.146	1.111	1.211	18
27	8	1.120	1.082	1.176	13
28	8	1.081	1.050	1.167	9
29	2	0.355	0.343	0.370	14
30	8	1.109	1.067	1.173	10
31	4	0.603	0.563	0.629	11
32	8	1.095	1.066	1.144	12
33	8	1.113	1.061	1.166	7
34	2	0.363	0.357	0.378	8
34	8	1.151	1.094	1.159	7
36	8	1.145	1.081	1.181	16
37	8	1.093	1.058	1.129	14
38	8	1.131	1.069	1.181	14
39	8	1.119	1.057	1.160	13
40	8	1.090	1.058	1.156	8
41	4	0.591	0.552	0.617	16
42	2	0.359	0.353	0.361	4
42	4	0.608	0.605	0.647	3
43	4	0.593	0.576	0.622	13
44	4	0.611	0.583	0.650	17
45	4	0.606	0.579	0.624	6
46	2	0.351	0.346	0.362	12
47	8	1.118	1.069	1.170	9
49	2	0.356	0.346	0.377	20
50	2	0.354	0.349	0.363	15

B) Estimation of absolute genome size

device	standard	population	individual	Standard			sample			index	2C [pg]
				count	mean	cv	count	mean	cv		
CyFlow PI	*Solanum*	3	10	1087	226.63	2.25	1639	257.62	2.11	1.1367	2.944
CyFlow PI	*Solanum*	3	10	944	222.76	2.10	1430	253.67	1.97	1.1388	2.949
CyFlow PI	*Solanum*	3	10	965	228.28	2.19	1453	260.34	2.19	1.1404	2.954
CyFlow PI	*Solanum*	3	14	906	220.99	2.31	1244	251.78	2.20	1.1393	2.951
CyFlow PI	*Solanum*	3	14	942	224.52	2.07	1333	256.79	2.02	1.1437	2.962
CyFlow PI	*Solanum*	3	14	986	227.13	2.58	1310	260.08	2.40	1.1451	2.966
CyFlow PI	*Solanum*	6	4	2252	147.20	2.48	1735	256.10	3.76	1.7398	4.506
CyFlow PI	*Solanum*	6	4	2184	145.77	2.55	1826	257.20	3.90	1.7645	4.570
CyFlow PI	*Solanum*	6	4	2194	145.75	2.34	1717	259.65	3.57	1.7815	4.614
CyFlow PI	*Solanum*	6	18	2413	155.81	1.96	1304	330.75	3.05	2.1228	5.498
CyFlow PI	*Solanum*	6	18	2458	154.30	2.00	1304	328.50	2.98	2.1290	5.514
CyFlow PI	*Solanum*	6	18	2481	152.27	2.36	1368	327.35	3.36	2.1498	5.568
CyFlow PI	*Solanum*	13	11	880	119.70	2.38	1474	245.36	2.10	2.0498	5.309
CyFlow PI	*Solanum*	13	11	882	118.31	2.10	1531	243.12	1.81	2.0549	5.322
CyFlow PI	*Solanum*	13	11	953	121.16	2.39	1575	249.72	1.88	2.0611	5.338
CyFlow PI	*Solanum*	13	19	1380	241.24	1.71	920	442.80	1.71	1.8355	4.754
CyFlow PI	*Solanum*	13	19	1324	243.64	2.06	714	448.92	1.56	1.8426	4.772
CyFlow PI	*Solanum*	13	19	1264	245.28	2.45	721	452.60	1.91	1.8452	4.779
CyFlow PI	*Solanum*	14	15	1622	111.06	3.79	1970	348.20	3.67	3.1352	8.120
CyFlow PI	*Solanum*	14	15	1657	112.74	3.27	1714	355.38	3.36	3.1522	8.164
CyFlow PI	*Solanum*	14	15	1694	113.27	3.95	1811	358.57	3.37	3.1656	8.199
CyFlow PI	*Solanum*	14	17	1672	116.60	2.50	1703	405.46	2.07	3.4774	9.006
CyFlow PI	*Solanum*	14	17	1664	119.02	2.62	1621	415.73	1.86	3.4929	9.047
CyFlow PI	*Solanum*	14	17	1870	120.16	2.61	1520	420.05	2.02	3.4958	9.054
CyFlow PI	*Solanum*	17	11	885	225.73	2.56	1508	424.84	2.40	1.8821	4.875
CyFlow PI	*Solanum*	17	11	806	223.32	2.74	1436	421.11	2.58	1.8857	4.884
CyFlow PI	*Solanum*	17	11	835	227.88	2.53	1371	430.21	2.38	1.8879	4.890
CyFlow PI	*Solanum*	17	17	2136	151.97	2.93	1797	318.90	3.46	2.0985	5.435
CyFlow PI	*Solanum*	17	17	2184	152.02	3.09	1730	320.65	3.56	2.1093	5.463
CyFlow PI	*Solanum*	17	17	2144	151.58	2.71	1682	321.00	3.30	2.1178	5.485
CyFlow PI	*Solanum*	20	5	1173	244.83	2.37	1033	874.70	2.87	3.5727	9.253
CyFlow PI	*Solanum*	20	5	1137	243.52	1.98	860	873.28	2.36	3.5861	9.288
CyFlow PI	*Solanum*	20	5	1020	239.00	2.07	1025	859.55	2.21	3.5964	9.315
CyFlow PI	*Solanum*	20	14	2785	116.53	2.43	897	381.91	2.07	3.2774	8.488
CyFlow PI	*Solanum*	20	14	2757	118.49	2.55	931	388.48	2.36	3.2786	8.492
CyFlow PI	*Solanum*	20	14	2671	113.98	2.44	942	375.90	1.85	3.2979	8.542
CyFlow PI	*Solanum*	23	14	940	236.58	2.36	1054	438.53	2.16	1.8536	4.801
CyFlow PI	*Solanum*	23	14	999	238.93	2.22	1091	443.00	1.90	1.8541	4.802
CyFlow PI	*Solanum*	23	14	1107	236.24	1.78	1142	440.13	1.61	1.8631	4.825
CyFlow PI	*Solanum*	23	18	889	237.81	1.95	1513	498.53	1.84	2.0963	5.430
CyFlow PI	*Solanum*	23	18	821	239.28	1.79	1399	503.56	1.77	2.1045	5.451
CyFlow PI	*Solanum*	23	18	921	243.11	1.95	1388	511.66	2.15	2.1046	5.451
CyFlow PI	*Solanum*	26	4	1772	55.35	3.69	1875	200.24	3.41	3.6177	9.370
CyFlow PI	*Solanum*	26	4	1848	54.87	3.51	1976	199.07	3.67	3.6280	9.397
CyFlow PI	*Solanum*	26	4	1875	54.64	3.96	1854	199.25	3.46	3.6466	9.445
CyFlow PI	*Solanum*	26	11	708	119.77	2.62	1275	384.68	2.34	3.2118	8.319
CyFlow PI	*Solanum*	26	11	727	121.17	2.32	1252	389.24	2.13	3.2123	8.320
CyFlow PI	*Solanum*	26	11	679	118.54	2.29	1292	382.18	2.20	3.2241	8.350
CyFlow PI	*Solanum*	28	1	1026	115.48	2.81	1270	405.00	2.47	3.5071	9.083
CyFlow PI	*Solanum*	28	1	924	115.06	2.38	1171	404.83	2.19	3.5184	9.113
CyFlow PI	*Solanum*	28	1	950	117.81	2.01	1105	414.55	1.84	3.5188	9.114

device	standard	population	individual	Standard			sample			index	2C [pg]
				count	mean	cv	count	mean	cv		
CyFlow PI	*Solanum*	28	3	2066	58.07	2.96	1677	186.80	2.31	3.2168	8.332
CyFlow PI	*Solanum*	28	3	2057	57.57	2.69	1455	185.24	1.73	3.2176	8.334
CyFlow PI	*Solanum*	28	3	1944	56.77	2.34	1670	182.87	2.16	3.2212	8.343
CyFlow PI	*Solanum*	34	12	3085	119.62	3.54	609	406.78	2.91	3.4006	8.808
CyFlow PI	*Solanum*	34	12	2539	119.50	3.26	725	407.63	2.24	3.4111	8.835
CyFlow PI	*Solanum*	34	12	4932	120.59	3.09	1339	415.86	2.49	3.4485	8.932
CyFlow PI	*Solanum*	34	15	818	234.49	2.40	1513	269.39	2.23	1.1488	2.975
CyFlow PI	*Solanum*	34	15	902	232.69	2.23	1651	268.15	2.08	1.1524	2.985
CyFlow PI	*Solanum*	34	15	1120	229.71	2.36	2245	265.10	2.22	1.1541	2.989
CyFlow PI	*Solanum*	34	19	745	231.89	2.11	1440	271.56	2.21	1.1711	3.033
CyFlow PI	*Solanum*	34	19	906	234.54	2.54	1468	275.27	2.07	1.1737	3.040
CyFlow PI	*Solanum*	34	19	829	236.29	2.43	1549	277.56	2.17	1.1747	3.042
CyFlow PI	*Solanum*	46	10	819	230.14	2.01	1512	264.22	1.90	1.1481	2.974
CyFlow PI	*Solanum*	46	10	819	227.48	2.01	1552	261.47	1.96	1.1494	2.977
CyFlow PI	*Solanum*	46	10	1009	228.75	2.32	1775	263.00	2.15	1.1497	2.978
CyFlow PI	*Solanum*	46	13	1037	228.25	1.82	1493	260.61	1.81	1.1418	2.957
CyFlow PI	*Solanum*	46	13	1013	228.34	1.78	1509	261.34	1.84	1.1445	2.964
CyFlow PI	*Solanum*	46	13	986	228.90	1.92	1304	262.41	1.69	1.1464	2.969
CyFlow PI	*Solanum*	50	7	805	229.93	2.17	1684	262.64	2.10	1.1423	2.958
CyFlow PI	*Solanum*	50	7	943	233.39	2.23	2046	267.28	2.09	1.1452	2.966
CyFlow PI	*Solanum*	50	7	863	234.85	2.30	1773	269.21	2.16	1.1463	2.969
CyFlow PI	*Solanum*	50	18	821	236.84	2.26	1427	271.74	2.00	1.1474	2.972
CyFlow PI	*Solanum*	50	18	795	233.20	2.37	1310	267.71	2.20	1.1480	2.973
CyFlow PI	*Solanum*	50	18	842	236.94	2.15	1491	272.18	2.23	1.1487	2.975

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