

Table S1. Morphometric data for cytotypes of *Festuca indigesta* subsp. *indigesta*. Different letters represent statistically significant differences at $p < 0.05$.

Character	Cytotype	Mean \pm SD	Min	Max
Culm length (cm)	12x	33.67 \pm 11.17 ^a	12.00	50.00
	8x	40.59 \pm 5.84 ^b	25.00	51.00
	6x	30.91 \pm 3.64 ^a	23.50	39.50
Culm diameter (mm)	12x	0.66 \pm 0.14	0.50	1.00
	8x	0.66 \pm 0.09	0.50	0.80
	6x	0.57 \pm 0.08	0.40	0.80
Leaf diameter (mm)	12x	0.87 \pm 0.12	0.70	1.10
	8x	0.91 \pm 0.12	0.70	1.30
	6x	0.90 \pm 0.10	0.70	1.10
Auricle length (mm)	12x	0.32 \pm 0.12 ^a	0.10	0.70
	8x	0.52 \pm 0.21 ^b	0.20	1.00
	6x	0.59 \pm 0.32 ^b	0.10	1.40
Panicle length (cm)	12x	5.87 \pm 1.98 ^{ab}	3.00	10.00
	8x	6.18 \pm 1.27 ^b	4.00	9.20
	6x	4.90 \pm 0.98 ^a	3.00	8.50
Spikelet length (mm)	12x	10.15 \pm 1.22 ^c	8.20	15.00
	8x	9.52 \pm 1.14 ^b	7.30	12.50
	6x	8.39 \pm 0.64 ^a	7.20	10.00
Lower glume length (mm)	12x	3.77 \pm 0.53 ^c	3.00	5.70
	8x	3.38 \pm 0.41 ^b	2.60	4.40
	6x	3.07 \pm 0.38 ^a	2.50	4.20
Upper glume length (mm)	12x	5.31 \pm 0.63 ^c	4.10	7.00
	8x	4.89 \pm 0.55 ^b	3.80	6.70
	6x	4.23 \pm 0.37 ^a	3.50	5.40
Lemma length (mm)	12x	6.41 \pm 0.54 ^c	5.40	7.60
	8x	5.84 \pm 0.43 ^b	4.80	6.70
	6x	5.12 \pm 0.33 ^a	4.50	6.00
Awn length (mm)	12x	1.45 \pm 0.54	0.60	2.70
	8x	1.30 \pm 0.35	0.70	2.00
	6x	1.32 \pm 0.38	0.70	2.50
Number of flowers per spikelet	12x	5.47 \pm 1.18 ^{ab}	3.30	8.00
	8x	5.94 \pm 1.27 ^b	4.00	9.00
	6x	5.08 \pm 0.74 ^a	4.00	7.00
Anther length (mm)	12x	3.42 \pm 0.70 ^c	2.40	4.90
	8x	2.52 \pm 0.42 ^b	2.00	3.40
	6x	2.81 \pm 0.37 ^a	2.00	3.70
Stomatal accessory cells (μ m)	12x	30.76 \pm 4.84 ^c	17.39	41.53
	8x	25.83 \pm 3.17 ^b	17.94	34.27
	6x	22.84 \pm 3.34 ^a	15.79	35.56
Stomatal guard cells of stomata (μ m)	12x	38.84 \pm 5.93 ^c	22.93	58.04
	8x	33.92 \pm 3.80 ^b	25.34	43.35
	6x	30.12 \pm 3.49 ^a	22.67	39.37