

# S 1: Genome organisation and genome editing

*Underlined poster numbers correspond to Flash Presentations*

Poster ID	Title	Authors
<b>P-100</b>	<b>From diploids to polyploids and back: whole-genome duplications and diploidization in Brassicaceae</b>	Lysak A.M., Mandáková T, Pouch M, Li Z, Barker M.S.
<b>P-101</b>	<b>Analysis of a candidate gene involved in <i>Verticillium longisporum</i> resistance in winter oilseed rape using a RNA-guided CRISPR-Cas9 system</b>	Chakrabarty S., Chawla H.S., Snowdon R., Obermeier C.
<b>P-102</b>	<b>Shift to self-compatibility in synthetic allopolyploid <i>Brassica napus</i></b>	Azibi T, Rousseau-Gueutin M., Trottoux G., Lodé M., Ferreira de Carvalho J., Gilet M ; Hadj-Arab H., Chèvre A.M.
<b>P-103</b>	<b>Genome editing of <i>Brassica</i> species with preassembled Cas9-sgRNA ribonucleoproteins</b>	Murovec J., Guček K., Bohanec B., Avbelj M., Jerala R.
<b>P-104</b>	<b>Development of haploid inducer line in cabbage (<i>Brassica oleracea</i> var. <i>capitata</i> L.) using CRISPR/Cas9</b>	Stajič E., Murovec J., Bohanec B.
<b>P-105</b>	<b>Assessment of pollen size according to ploidy level in <i>Brassica</i> model</b>	Trottoux G., Rousseau-Gueutin M, Chèvre A.M.
<b>P-106</b>	<b>Plant molecular cytogenetics Platform</b>	Huteau V., Coriton O.
<b>P-107</b>	<b>Transcriptome profiling of leaf senescence and nitrogen deficiency response in oilseed rape (<i>Brassica napus</i>)</b>	Clouet V., Le Cahérec F., Hervet M., Viaud C., Leconte P., Leprince F., Rolland S., Navarro J., Denis A.M., Leport L., Bouchereau A., Nesi N., Laperche A., Niogret M.F.
<b>P-108</b>	<b>Recreating genomically stable rapeseed</b>	Ihien E. Schierholt A., Becker H., Snowdon R., Mason A.S.
<b>P-109</b>	<b>Introduction of the resynthesized <i>B. napus</i> for breeding of winter oilseed rape</b>	Szala L., Cegielska-Taras T., Sosnowska K., Liersch A., Poplawska W.
<b>P-110</b>	<b>Coming together again: the A and C genome recombine to make a new, single genome in <i>B. juncea</i> × <i>B. carinata</i> interspecific hybrids.</b>	Katche E., Snowdon R.J., Mason A.S.
<b>P-111</b>	<b>BBIP, Brassicaceae Bioinformatics Platform</b>	Bretauudeau A., Filangi O., Robin S., Legeai F.
<b>P-112</b>	<b>Chromosome-scale assemblies of <i>Brassica oleracea</i> and <i>Brassica rapa</i> using nanopore long reads and optical maps</b>	Belser C., Istace B., Denis E., Dubarry M., Falentin C., Genete M., Berrabah W., Chèvre A.M., Delourme R., Deniot G., Denoed F., Duffé P., Engelen S., Lemainque A., Manzanaras-Dauleux M., Morice J., Noel B., Vekemans X., Rousseau-Gueutin M., Barbe V., Cruaud C., Wincker P., Aury J.M.
<u><b>P-113</b></u>	<b>High-quality de novo assembly of the cauliflower genome</b>	Guo N., Wang S., Borm T., Jin J., Wang G., Li J., Han S., Zong M., Bonnema G., Li J., Liu F.