

PI 542416 to 542431-continued

- PI 542428 **origin:** Germany, Federal Rep of. **cultivar:** SERPENTINA.
remarks: Seeds originally obtained from stocks of H. Stubbe. Stems crooked. Leaves and flowers normal. Genetic Material. Seed.
- PI 542429 **origin:** Germany, Federal Rep of. **origin institute:** Zentralinstitut fur Genetik und, Kulturpflanzenforschung der, Akademie der Wissenschaften der DDR, Gatersleben.
cultivar: TENUIS. **remarks:** Propagated by artificial self pollination. Plants small with narrow leaves. Mutant used in experiments on leaf development. Genetic Material. Seed.
- PI 542430 **origin:** Germany, Federal Rep of. **cultivar:** AMBIGUA.
remarks: Originally obtained from stocks of Erwin Baur. Plants somewhat smaller than standard type. Leaves abnormal. Inflorescence like needles, variable depending on photoperiod and temperature. Used in experiments on leaf development. Genetic Material. Seed.
- PI 542431 **origin:** Germany, Federal Rep of. **cultivar:** DELILA CAECA.
remarks: Originally obtained from stocks of Erwin Baur. Leaf growth and flower morphology normal. Delila is lack of anthocyanin in lower part of flower. Caeca is lack of yellow spot on lower lip of corolla. Used as "normal" reference type in some experiments on development of mutants in Antirrhinum. Genetic Material. Seed.

PI 542432 to 542465. *Triticum aestivum* L. POACEAE Common wheat

Donated by: Metzger, R.J., USDA-ARS, Dept. of Crop Sciences, Oregon State University, Corvallis, Oregon, United States. Received January 01, 1987.

- PI 542432 **donor id:** H86-706. **origin:** United States. **remarks:** Bunt Differential Bt 10 gene. Annual. Cultivar. Seed.
- PI 542433 **donor id:** H86-705. **origin:** United States. **remarks:** Line carries BT 10 and R3 (chromosome 3B) for red seed. Annual. Cultivar. Seed.
- PI 542434 **donor id:** H82-728. **origin:** United States. **cultivar:** PATO. **remarks:** Tolerance to excess water and wet soils. Annual. Cultivar. Seed.
- PI 542435 **donor id:** H83-1317-4. **origin:** United States. **pedigree:** T12/Ewion. **remarks:** Day length requirement very long. Hexaploid type. Annual. Breeding Material. Seed.