Role of additive and non-additive gene action effects in heritable economical traits in some genotypes of wheat under contrasting nitrogen environments

**Table S1.** Pedigree and year release of the studied genotypes

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| --- | --- | --- |
| **Varieties** | **Cross/Pedigree and selection history** | **Year of release** |
| **Sakha 94** | **OPATA/RAYON//KAUZ**CMBW90Y3180-0TOPM-3Y-010M-010M-010Y-10M-015Y-0Y-0AP-0S | 2004 |
| **Sakha 95** | **PASTOR//SITE/MO/3/CHEN/AEGLLOPS**SQUARROSA (TAUS)//BCN/4/WELL1CMA01Y00158-040POY-040M-030ZIM-040SY26M-0Y-0B-0ET | 2017 |
| **Giza 171** | **ROLF07\*2/KIRITATI**CGSS05B00123T-099TOPY-099M-099NJ-6WGY-0B-0EGY | 2015 |
| **Sides 14** | Bow "S"/Vee" S"/Bow" S"/TSI/Bani Sewef 1SD293-1SD-2SD-4SD-0SD | 2017 |
| **Misr 1** | **OASIS/SKAUZ//4\*BCN/3/2\*PASTOR**CMSS00Y01881T-050M-030Y-030M-030WGY-33M-0Y-0S | 2011 |
| **Misr 3** | **ATTILA\*2/ABW65\*2/KACHU**CMSSO6Y00258 2T-099TOPM-099Y-099ZTM-099Y-099M-10WGY-0B-0EGY | 2019 |