

**Table S4.** Wheat accessions used for *GRF3-2A* genotyping using molecular markers

No	Accession name	Species <sup>1</sup>	Growth habit	Country of origin	Locality	Reference, pedigree
1	06380AR83	<i>T. aest.</i>	winter	Russia	Krasnodar	
2	4023W5	<i>T. aest.</i>	winter	Russia	Krasnodar	
3	5577h56G10	<i>T. aest.</i>	winter	Russia	Krasnodar	
4	609sv25	<i>T. aest.</i>	winter	Russia	Krasnodar	
5	7675h34-23	<i>T. aest.</i>	winter	Russia	Krasnodar	
6	7675h34-34	<i>T. aest.</i>	winter	Russia	Krasnodar	
7	ACPG 154	<i>T. aest.</i>	winter	Russia	Moscow	<a href="https://reestr.gossortrf.ru/sorts/8260623/">https://reestr.gossortrf.ru/sorts/8260623/</a>
8	Adel	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/115868">http://wheatpedigree.net/sort/show/115868</a>
9	Afina	<i>T. aest.</i>	intermediate	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/83082">http://wheatpedigree.net/sort/show/83082</a>
10	Aivina	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/85764">http://wheatpedigree.net/sort/show/85764</a>
11	Alekseich	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="https://reestr.gossortrf.ru/sorts/8556858/">https://reestr.gossortrf.ru/sorts/8556858/</a>
12	Altigo	<i>T. aest.</i>	winter	France		<a href="http://wheatpedigree.net/sort/show/110689">http://wheatpedigree.net/sort/show/110689</a>
13	Anastasiya	<i>T. aest.</i>	winter	Russia	Saratov	<a href="https://reestr.gossortrf.ru/sorts/8458032/">https://reestr.gossortrf.ru/sorts/8458032/</a>
14	Antonina	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/117445">http://wheatpedigree.net/sort/show/117445</a>
15	Apache	<i>T. aest.</i>	winter	France		<a href="http://wheatpedigree.net/sort/show/79265">http://wheatpedigree.net/sort/show/79265</a>
16	Armada	<i>T. aest.</i>	winter	Russia	Stavropol	<a href="https://reestr.gossortrf.ru/sorts/8356459/">https://reestr.gossortrf.ru/sorts/8356459/</a>
17	Arsenal	<i>T. aest.</i>	winter	Russia	Stavropol	<a href="https://reestr.gossortrf.ru/sorts/8354653/">https://reestr.gossortrf.ru/sorts/8354653/</a>
18	Astarta	<i>T. aest.</i>	winter	Ukraine	Kiev	<a href="http://wheatpedigree.net/sort/show/117865">http://wheatpedigree.net/sort/show/117865</a>
19	Bagrat	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/116998">http://wheatpedigree.net/sort/show/116998</a>
20	Balitus	<i>T. aest.</i>	winter	Austria		<a href="https://reestr.gossortrf.ru/sorts/8556863/">https://reestr.gossortrf.ru/sorts/8556863/</a>
21	Barok	<i>T. aest.</i>	winter	France		
22	Bazis	<i>T. aest.</i>	winter	Russia	Samara	<a href="https://reestr.gossortrf.ru/sorts/8558188/">https://reestr.gossortrf.ru/sorts/8558188/</a>
23	Bet B 8 14	<i>T. aest.</i>	winter	Bulgaria	Sofia	<a href="https://reestr.gossortrf.ru/sorts/8260772/">https://reestr.gossortrf.ru/sorts/8260772/</a>
24	Bezenchukskaya 380	<i>T. aest.</i>	winter	Russia	Samara	<a href="http://wheatpedigree.net/sort/show/6992">http://wheatpedigree.net/sort/show/6992</a>
25	Bezostaya 1	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/7007">http://wheatpedigree.net/sort/show/7007</a>
26	Bezostaya 100	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="https://reestr.gossortrf.ru/sorts/8556857/">https://reestr.gossortrf.ru/sorts/8556857/</a>

27	Bis	<i>T. aest.</i>	winter	Russia	Vladimir	<a href="http://wheatpedigree.net/sort/show/112371">http://wheatpedigree.net/sort/show/112371</a>
28	Bodryi	<i>T. aest.</i>	winter	Russia	Moscow	<a href="https://reestr.gossortrf.ru/sorts/8354640/">https://reestr.gossortrf.ru/sorts/8354640/</a>
29	Bohemia	<i>T. aest.</i>	winter	Czech Republic	Sibřina	<a href="http://wheatpedigree.net/sort/show/91679">http://wheatpedigree.net/sort/show/91679</a>
30	Boyarynya	<i>T. aest.</i>	winter	Russia	Rostov	<a href="http://wheatpedigree.net/sort/show/117380">http://wheatpedigree.net/sort/show/117380</a>
31	Brigada	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/96315">http://wheatpedigree.net/sort/show/96315</a>
32	BT 2375 p 15	<i>T. aest.</i>	winter	unknown		
33	BT 2385 p 15	<i>T. aest.</i>	winter	unknown		
34	Butterfly	<i>T. aest.</i>	winter	Czech Republic	Sibřina	<a href="https://reestr.gossortrf.ru/sorts/8152807/">https://reestr.gossortrf.ru/sorts/8152807/</a>
35	Bylina Dona	<i>T. aest.</i>	winter	Russia	Rostov	<a href="https://reestr.gossortrf.ru/sorts/8356468/">https://reestr.gossortrf.ru/sorts/8356468/</a>
36	Caphorn	<i>T. aest.</i>	winter	UK		<a href="http://wheatpedigree.net/sort/show/79045">http://wheatpedigree.net/sort/show/79045</a>
37	Cheget	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/83196">http://wheatpedigree.net/sort/show/83196</a>
38	Chornyava	<i>T. aest.</i>	winter	Ukraine	Kiev	<a href="http://wheatpedigree.net/sort/show/113665">http://wheatpedigree.net/sort/show/113665</a>
39	Clarion	<i>T. aest.</i>	winter	Germany		<a href="http://wheatpedigree.net/sort/show/114338">http://wheatpedigree.net/sort/show/114338</a>
40	Crimson	<i>T. aest.</i>	winter	USA	South-Dakota	<a href="http://wheatpedigree.net/sort/show/72051">http://wheatpedigree.net/sort/show/72051</a>
41	Dagmar	<i>T. aest.</i>	winter	Czech Republic		<a href="http://wheatpedigree.net/sort/show/113244">http://wheatpedigree.net/sort/show/113244</a>
42	Desamo	<i>T. aest.</i>	winter	Germany		<a href="http://wheatpedigree.net/sort/show/118984">http://wheatpedigree.net/sort/show/118984</a>
43	Deya	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/75797">http://wheatpedigree.net/sort/show/75797</a>
44	Dmitrii	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/88957">http://wheatpedigree.net/sort/show/88957</a>
45	Dolya	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/115870">http://wheatpedigree.net/sort/show/115870</a>
46	Don 93	<i>T. aest.</i>	winter	Russia	Rostov	<a href="http://wheatpedigree.net/sort/show/69604">http://wheatpedigree.net/sort/show/69604</a>
47	Don 95	<i>T. aest.</i>	winter	Russia	Rostov	<a href="http://wheatpedigree.net/sort/show/69913">http://wheatpedigree.net/sort/show/69913</a>
48	Donmira	<i>T. aest.</i>	winter	Russia	Rostov	<a href="https://reestr.gossortrf.ru/sorts/8354656/">https://reestr.gossortrf.ru/sorts/8354656/</a>
49	Donna	<i>T. aest.</i>	winter	Russia	Rostov	<a href="http://wheatpedigree.net/sort/show/92274">http://wheatpedigree.net/sort/show/92274</a>
50	Donskaya Lira	<i>T. aest.</i>	winter	Russia	Rostov	<a href="http://wheatpedigree.net/sort/show/88958">http://wheatpedigree.net/sort/show/88958</a>
51	Donskaya Polukarlikovaya	<i>T. aest.</i>	winter	Russia	Rostov	<a href="http://wheatpedigree.net/sort/show/16895">http://wheatpedigree.net/sort/show/16895</a>
52	Donskaya Step'	<i>T. aest.</i>	winter	Russia	Rostov	<a href="https://reestr.gossortrf.ru/sorts/8260596/">https://reestr.gossortrf.ru/sorts/8260596/</a>
53	Donskaya Yubileinaya	<i>T. aest.</i>	winter	Russia	Rostov	<a href="http://wheatpedigree.net/sort/show/16896">http://wheatpedigree.net/sort/show/16896</a>
54	Donstar	<i>T. aest.</i>	winter	Russia	Rostov	<a href="http://wheatpedigree.net/sort/show/114157">http://wheatpedigree.net/sort/show/114157</a>

55	DSV-11-13 (Aspect)	<i>T. aest.</i>	winter	Germany	Lippstadt	<a href="http://wheatpedigree.net/sort/show/79510">http://wheatpedigree.net/sort/show/79510</a>
56	Duplet	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="https://reestr.gossortrf.ru/sorts/8559198/">https://reestr.gossortrf.ru/sorts/8559198/</a>
57	Ekspromt	<i>T. aest.</i>	winter	Ukraine	Kiev	<a href="http://wheatpedigree.net/sort/show/79912">http://wheatpedigree.net/sort/show/79912</a>
58	Eremeevna	<i>T. sphaer.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/117048">http://wheatpedigree.net/sort/show/117048</a>
59	Ermak	<i>T. aest.</i>	winter	Russia	Rostov	<a href="http://wheatpedigree.net/sort/show/78205">http://wheatpedigree.net/sort/show/78205</a>
60	Esaul	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/82560">http://wheatpedigree.net/sort/show/82560</a>
61	Etnos	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/96333">http://wheatpedigree.net/sort/show/96333</a>
62	Euclide	<i>T. aest.</i>	winter	France		<a href="http://wheatpedigree.net/sort/show/119016">http://wheatpedigree.net/sort/show/119016</a>
63	Favoritka	<i>T. aest.</i>	winter	Ukraine	Kiev	<a href="http://wheatpedigree.net/sort/show/83142">http://wheatpedigree.net/sort/show/83142</a>
64	Fenomen	<i>T. aest.</i>	winter	Poland	Łochów	
65	Flamenko	<i>T. aest.</i>	winter	France		
66	Fontanka	<i>T. aest.</i>	winter	Ukraine		<a href="https://reestr.gossortrf.ru/sorts/8757442/">https://reestr.gossortrf.ru/sorts/8757442/</a>
67	Fortuna	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/82576">http://wheatpedigree.net/sort/show/82576</a>
68	Gileya	<i>T. aest.</i>	winter	Ukraine	Kiev	<a href="http://wheatpedigree.net/sort/show/117879">http://wheatpedigree.net/sort/show/117879</a>
69	Gordian	<i>T. aest.</i>	winter	Germany		<a href="http://wheatpedigree.net/sort/show/119044">http://wheatpedigree.net/sort/show/119044</a>
70	Graf	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="https://reestr.gossortrf.ru/sorts/8559195/">https://reestr.gossortrf.ru/sorts/8559195/</a>
71	Gratsiya	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/83086">http://wheatpedigree.net/sort/show/83086</a>
72	Grom	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/85804">http://wheatpedigree.net/sort/show/85804</a>
73	Gubernator Dona	<i>T. aest.</i>	winter	Russia	Rostov	<a href="http://wheatpedigree.net/sort/show/88159">http://wheatpedigree.net/sort/show/88159</a>
74	Gurt	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/118485">http://wheatpedigree.net/sort/show/118485</a>
75	Hadm 25612-02	<i>T. aest.</i>	winter	Germany	Hadmersleben	
76	Inea	<i>T. aest.</i>	winter	Russia	Moscow	<a href="https://reestr.gossortrf.ru/sorts/8152818/">https://reestr.gossortrf.ru/sorts/8152818/</a>
77	Iridium	<i>T. aest.</i>	winter	France		<a href="http://wheatpedigree.net/sort/show/110759">http://wheatpedigree.net/sort/show/110759</a>
78	Irishka	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/85768">http://wheatpedigree.net/sort/show/85768</a>
79	Iststar (Lipetskaya zvezda)	<i>T. aest.</i>	winter	Germany		<a href="https://reestr.gossortrf.ru/sorts/8556877/">https://reestr.gossortrf.ru/sorts/8556877/</a>
80	Julia	<i>T. aest.</i>	winter	Romania		<a href="http://wheatpedigree.net/sort/show/27862">http://wheatpedigree.net/sort/show/27862</a>
81	Kalym	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/88959">http://wheatpedigree.net/sort/show/88959</a>
82	Karavan	<i>T. aest.</i>	intermediate	Russia	Krasnodar	<a href="https://reestr.gossortrf.ru/sorts/8558567/">https://reestr.gossortrf.ru/sorts/8558567/</a>

83	Karillon	<i>T. aest.</i>	winter	unknown		
84	Kasatka	<i>T. aest.</i>	winter	unknown		
85	Kavkaz	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/31167">http://wheatpedigree.net/sort/show/31167</a>
86	Knyaginya Olga	<i>T. aest.</i>	winter	Ukraine	Odessa	<a href="http://wheatpedigree.net/sort/show/96617">http://wheatpedigree.net/sort/show/96617</a>
87	Kollega	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/83127">http://wheatpedigree.net/sort/show/83127</a>
88	Kometa	<i>T. aest.</i>	winter	Poland	Krakow	<a href="https://reestr.gossortrf.ru/sorts/8260948/">https://reestr.gossortrf.ru/sorts/8260948/</a>
89	Krasa Dona	<i>T. aest.</i>	winter	Russia	Rostov	<a href="https://reestr.gossortrf.ru/sorts/8559203/">https://reestr.gossortrf.ru/sorts/8559203/</a>
90	Krasnodarskaya 6	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/32803">http://wheatpedigree.net/sort/show/32803</a>
91	Krasnodarskaya 99	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/77550">http://wheatpedigree.net/sort/show/77550</a>
92	Krasnoobskaya oz.	<i>T. aest.</i>	winter	Russia	Novosibirsk	<a href="https://reestr.gossortrf.ru/sorts/8261651/">https://reestr.gossortrf.ru/sorts/8261651/</a>
93	Kurs	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/58819">http://wheatpedigree.net/sort/show/58819</a>
94	KWS Barrel	<i>T. aest.</i>	winter	UK		<a href="http://wheatpedigree.net/sort/show/117959">http://wheatpedigree.net/sort/show/117959</a>
95	KWS Siskin	<i>T. aest.</i>	winter	UK		<a href="http://wheatpedigree.net/sort/show/117962">http://wheatpedigree.net/sort/show/117962</a>
96	KWS Zyatt	<i>T. aest.</i>	winter	UK		
97	L.2168k4-3	<i>T. aest.</i>	winter	Russia	Krasnodar	
98	L.2293k	<i>T. aest.</i>	winter	Russia	Krasnodar	
99	L.2612k2-1	<i>T. aest.</i>	winter	Russia	Krasnodar	
100	L.2877k58	<i>T. aest.</i>	winter	Russia	Krasnodar	
101	L.3124k4	<i>T. aest.</i>	winter	Russia	Krasnodar	
102	L.3244k29-1	<i>T. aest.</i>	winter	Russia	Krasnodar	
103	L.3451k	<i>T. aest.</i>	winter	Russia	Krasnodar	
104	L.3947k2-4	<i>T. aest.</i>	winter	Russia	Krasnodar	
105	L.4648k12	<i>T. aest.</i>	winter	Russia	Krasnodar	
106	Laureat	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/97287">http://wheatpedigree.net/sort/show/97287</a>
107	Lebed	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/85769">http://wheatpedigree.net/sort/show/85769</a>
108	Lgovskaya 4	<i>T. aest.</i>	winter	Russia	Kursk	<a href="http://wheatpedigree.net/sort/show/82501">http://wheatpedigree.net/sort/show/82501</a>
109	Liga 1	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/85770">http://wheatpedigree.net/sort/show/85770</a>
110	LITERA	<i>T. aest.</i>	winter	Romania		<a href="http://wheatpedigree.net/sort/show/112008">http://wheatpedigree.net/sort/show/112008</a>

111	Lut.1234	<i>T. aest.</i>	winter	Russia	Krasnodar	
112	Lut.3164h16-23-14	<i>T. aest.</i>	winter	Russia	Krasnodar	
113	Lut.4498h138G7	<i>T. aest.</i>	winter	Russia	Krasnodar	
114	LYRIK	<i>T. aest.</i>	winter	France		
115	Markiz	<i>T. aest.</i>	winter	Russia	Krasnodar	
116	Menestrel	<i>T. aest.</i>	winter	France		<a href="http://wheatpedigree.net/sort/show/110769">http://wheatpedigree.net/sort/show/110769</a>
117	MIRELA	<i>T. aest.</i>	winter	Czech Republic	Bohemia	<a href="http://wheatpedigree.net/sort/show/41719">http://wheatpedigree.net/sort/show/41719</a>
118	Mironovskaya 808	<i>T. aest.</i>	winter	Ukraine	Kiev	<a href="http://wheatpedigree.net/sort/show/41756">http://wheatpedigree.net/sort/show/41756</a>
119	Mone	<i>T. aest.</i>	winter	France		<a href="http://wheatpedigree.net/sort/show/42149">http://wheatpedigree.net/sort/show/42149</a>
120	Morozko	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/117030">http://wheatpedigree.net/sort/show/117030</a>
121	Moskovskaya 40	<i>T. aest.</i>	winter	Russia	Moscow	<a href="http://wheatpedigree.net/sort/show/88928">http://wheatpedigree.net/sort/show/88928</a>
122	Moskovskaya 82	<i>T. aest.</i>	winter	Russia	Moscow	<a href="https://reestr.gossortrf.ru/sorts/8262641/">https://reestr.gossortrf.ru/sorts/8262641/</a>
123	Moskvich	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/82539">http://wheatpedigree.net/sort/show/82539</a>
124	Musik	<i>T. aest.</i>	winter	France		
125	Mv Nador	<i>T. aest.</i>	winter	Hungary		<a href="http://wheatpedigree.net/sort/show/116412">http://wheatpedigree.net/sort/show/116412</a>
126	Mv Nemere	<i>T. aest.</i>	winter	Hungary		<a href="http://wheatpedigree.net/sort/show/119141">http://wheatpedigree.net/sort/show/119141</a>
127	Mv Vekni	<i>T. aest.</i>	winter	Hungary		<a href="http://wheatpedigree.net/sort/show/88148">http://wheatpedigree.net/sort/show/88148</a>
128	Nakhodka	<i>T. aest.</i>	winter	Russia	Rostov	<a href="http://wheatpedigree.net/sort/show/117031">http://wheatpedigree.net/sort/show/117031</a>
129	NEKOTA	<i>T. aest.</i>	winter	USA	South-Dakota	<a href="http://wheatpedigree.net/sort/show/71003">http://wheatpedigree.net/sort/show/71003</a>
130	Nemchinovskaya 17	<i>T. aest.</i>	winter	Russia	Moscow	<a href="http://wheatpedigree.net/sort/show/113660">http://wheatpedigree.net/sort/show/113660</a>
131	Nemchinovskaya 24	<i>T. aest.</i>	winter	Russia	Moscow	<a href="http://wheatpedigree.net/sort/show/81229">http://wheatpedigree.net/sort/show/81229</a>
132	Nemchinovskaya 57	<i>T. aest.</i>	winter	Russia	Moscow	<a href="http://wheatpedigree.net/sort/show/85744">http://wheatpedigree.net/sort/show/85744</a>
133	Nemchinovskaya 85	<i>T. aest.</i>	winter	Russia	Moscow	<a href="https://reestr.gossortrf.ru/sorts/8262640/">https://reestr.gossortrf.ru/sorts/8262640/</a>
134	NIC 11 11637 D	<i>T. aest.</i>	winter	France	Clermont-Ferrand	<a href="https://reestr.gossortrf.ru/sorts/8559179/">https://reestr.gossortrf.ru/sorts/8559179/</a>
135	Nikifor	<i>T. aest.</i>	winter	Romania		<a href="http://wheatpedigree.net/sort/show/115661">http://wheatpedigree.net/sort/show/115661</a>
136	Nota	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/82572">http://wheatpedigree.net/sort/show/82572</a>
137	Novosibirskaya 32	<i>T. aest.</i>	winter	Russia	Novosibirsk	<a href="http://wheatpedigree.net/sort/show/82398">http://wheatpedigree.net/sort/show/82398</a>

138	NYCKOR	<i>T. aest.</i>	winter			
139	Odesskaya 200	<i>T. aest.</i>	winter	Ukraine	Odessa	<a href="http://wheatpedigree.net/sort/show/82520">http://wheatpedigree.net/sort/show/82520</a>
140	Olkhon	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/96206">http://wheatpedigree.net/sort/show/96206</a>
141	Ordynka	<i>T. sphaer.</i>	winter	Russia	Krasnodar	<a href="https://reestr.gossortrf.ru/sorts/8260617/">https://reestr.gossortrf.ru/sorts/8260617/</a>
142	Pamyat	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/78221">http://wheatpedigree.net/sort/show/78221</a>
143	Paritet	<i>T. aest.</i>	winter	Russia	Stavropol	<a href="https://reestr.gossortrf.ru/sorts/8356460/">https://reestr.gossortrf.ru/sorts/8356460/</a>
144	Platin	<i>T. aest.</i>	winter	Poland		
145	Praskovya	<i>T. sphaer.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/113672">http://wheatpedigree.net/sort/show/113672</a>
146	Proton	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/88961">http://wheatpedigree.net/sort/show/88961</a>
147	Proza	<i>T. aest.</i>	winter	Russia	Vladimir	<a href="http://wheatpedigree.net/sort/show/110921">http://wheatpedigree.net/sort/show/110921</a>
148	Rossyp	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="https://reestr.gossortrf.ru/sorts/8262669/">https://reestr.gossortrf.ru/sorts/8262669/</a>
149	Schit	<i>T. aest.</i>	winter	Russia	Stavropol	<a href="https://reestr.gossortrf.ru/sorts/8152760/">https://reestr.gossortrf.ru/sorts/8152760/</a>
150	Sila	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/85820">http://wheatpedigree.net/sort/show/85820</a>
151	Simonida	<i>T. aest.</i>	winter	Yugoslavia	Serbia	<a href="http://wheatpedigree.net/sort/show/90607">http://wheatpedigree.net/sort/show/90607</a>
152	Sineva	<i>T. aest.</i>	winter	Russia	Orel	<a href="https://reestr.gossortrf.ru/sorts/8354631/">https://reestr.gossortrf.ru/sorts/8354631/</a>
153	Smuglyanka	<i>T. aest.</i>	winter	Russia	Saratov	<a href="http://wheatpedigree.net/sort/show/69615">http://wheatpedigree.net/sort/show/69615</a>
154	Snigurka	<i>T. aest.</i>	winter	Ukraine	Kiev	<a href="http://wheatpedigree.net/sort/show/112229">http://wheatpedigree.net/sort/show/112229</a>
155	Sodruzhestvo	<i>T. aest.</i>	winter	Russia	Barnaul	<a href="https://reestr.gossortrf.ru/sorts/8262621/">https://reestr.gossortrf.ru/sorts/8262621/</a>
156	Solovey	<i>T. aest.</i>	winter	Russia	Kursk	<a href="https://reestr.gossortrf.ru/sorts/8559231/">https://reestr.gossortrf.ru/sorts/8559231/</a>
157	Stan	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/117035">http://wheatpedigree.net/sort/show/117035</a>
158	Stanichnaya	<i>T. aest.</i>	winter	Russia	Rostov	<a href="http://wheatpedigree.net/sort/show/78214">http://wheatpedigree.net/sort/show/78214</a>
159	Step	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="https://reestr.gossortrf.ru/sorts/8559199/">https://reestr.gossortrf.ru/sorts/8559199/</a>
160	Svarog	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="https://reestr.gossortrf.ru/sorts/8556853/">https://reestr.gossortrf.ru/sorts/8556853/</a>
161	Tabor	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/113662">http://wheatpedigree.net/sort/show/113662</a>
162	Tanais	<i>T. aest.</i>	winter	Russia	Rostov	<a href="http://wheatpedigree.net/sort/show/82542">http://wheatpedigree.net/sort/show/82542</a>
163	Tandem	<i>T. aest.</i>	winter	USA	South-Dakota	<a href="http://wheatpedigree.net/sort/show/69745">http://wheatpedigree.net/sort/show/69745</a>
164	Tanya	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/82499">http://wheatpedigree.net/sort/show/82499</a>
165	Tayfun 7	<i>T. aest.</i>	winter	Russia	Stavropol	<a href="https://reestr.gossortrf.ru/sorts/8152839/">https://reestr.gossortrf.ru/sorts/8152839/</a>



166	Travitsa	<i>T. aest.</i>	winter	Russia	Belgorod	<a href="https://reestr.gossortrf.ru/sorts/8152850/">https://reestr.gossortrf.ru/sorts/8152850/</a>
167	Trio	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/113664">http://wheatpedigree.net/sort/show/113664</a>
168	Turanus	<i>T. aest.</i>	winter	Austria		<a href="https://reestr.gossortrf.ru/sorts/8456252/">https://reestr.gossortrf.ru/sorts/8456252/</a>
169	Turnia	<i>T. aest.</i>	winter	Poland		<a href="http://wheatpedigree.net/sort/show/74657">http://wheatpedigree.net/sort/show/74657</a>
170	Tvorets	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/88964">http://wheatpedigree.net/sort/show/88964</a>
171	Ultra 11	<i>T. aest.</i>	winter	Russia	Krasnodar	
172	Ulyasha	<i>T. aest.</i>	winter	Russia	Stavropol	<a href="https://reestr.gossortrf.ru/sorts/8354709/">https://reestr.gossortrf.ru/sorts/8354709/</a>
173	Urup	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/116997">http://wheatpedigree.net/sort/show/116997</a>
174	Utrish	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/88965">http://wheatpedigree.net/sort/show/88965</a>
175	Vassa	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/88955">http://wheatpedigree.net/sort/show/88955</a>
176	Vekha	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="https://reestr.gossortrf.ru/sorts/8556855/">https://reestr.gossortrf.ru/sorts/8556855/</a>
177	Velena	<i>T. aest.</i>	intermediate	Russia	Krasnodar	<a href="https://reestr.gossortrf.ru/sorts/8654904/">https://reestr.gossortrf.ru/sorts/8654904/</a>
178	Vershina	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/88956">http://wheatpedigree.net/sort/show/88956</a>
179	Vid	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="https://reestr.gossortrf.ru/sorts/8556856/">https://reestr.gossortrf.ru/sorts/8556856/</a>
180	Videya	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="https://reestr.gossortrf.ru/sorts/8458123/">https://reestr.gossortrf.ru/sorts/8458123/</a>
181	Vita	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/79046">http://wheatpedigree.net/sort/show/79046</a>
182	Viuga	<i>T. aest.</i>	winter	Russia	Samara	<a href="https://reestr.gossortrf.ru/sorts/8356347/">https://reestr.gossortrf.ru/sorts/8356347/</a>
183	Viza	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/82559">http://wheatpedigree.net/sort/show/82559</a>
184	Volnyi Don	<i>T. aest.</i>	winter	Russia	Rostov	<a href="https://reestr.gossortrf.ru/sorts/8260593/">https://reestr.gossortrf.ru/sorts/8260593/</a>
185	Volzhskaya Elena	<i>T. aest.</i>	winter	Russia	Ulyanovsk	
186	Volzhskaya K	<i>T. aest.</i>	winter	Russia	Ulyanovsk	<a href="http://wheatpedigree.net/sort/show/82405">http://wheatpedigree.net/sort/show/82405</a>
187	Xiao Yan 107	<i>T. aest.</i>	winter	China		<a href="http://wheatpedigree.net/sort/show/68164">http://wheatpedigree.net/sort/show/68164</a>
188	Yubileinaya 100	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/80056">http://wheatpedigree.net/sort/show/80056</a>
189	Yubiley Dona	<i>T. aest.</i>	winter	Russia	Rostov	<a href="https://reestr.gossortrf.ru/sorts/8262620/">https://reestr.gossortrf.ru/sorts/8262620/</a>
190	Yuka	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/96322">http://wheatpedigree.net/sort/show/96322</a>
191	Yumpa	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/85824">http://wheatpedigree.net/sort/show/85824</a>
192	Yunona	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/83090">http://wheatpedigree.net/sort/show/83090</a>
193	Zhavoronok	<i>T. aest.</i>	winter	Russia	Rostov	<a href="https://reestr.gossortrf.ru/sorts/8260592/">https://reestr.gossortrf.ru/sorts/8260592/</a>

194	Zhiva	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="https://reestr.gossortrf.ru/sorts/8556854/">https://reestr.gossortrf.ru/sorts/8556854/</a>
195	Zhong Pin 1629	<i>T. aest.</i>	winter	China		
196	Zimnitsa	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/85767">http://wheatpedigree.net/sort/show/85767</a>
197	Zimtra	<i>T. aest.</i>	winter	Russia	Krasnodar	<a href="http://wheatpedigree.net/sort/show/83126">http://wheatpedigree.net/sort/show/83126</a>
198	Zina	<i>T. aest.</i>	winter	Russia	Stavropol	<a href="https://reestr.gossortrf.ru/sorts/8655024/">https://reestr.gossortrf.ru/sorts/8655024/</a>
199	Zolotokolosa	<i>T. aest.</i>	winter	Ukraine	Kiev	<a href="http://wheatpedigree.net/sort/show/88121">http://wheatpedigree.net/sort/show/88121</a>

<sup>1</sup> – *T. aest.* = *Triticum aestivum* L. subsp. *aestivum*; *T. sphaer.* = *Triticum aestivum* L. subsp. *sphaerococcum* (Percival) Mac Key