

## КАТАЛОГ ШТАММОВ КОЛЛЕКЦИИ СИМБИОТИЧЕСКИХ БАКТЕРИЙ ИБГ УФИЦ РАН «СИМБИОНТ»

№	Растение-хозяин	Штамм	Филогенетический анализ по гену 16SpPHK	Наличие симбиотических генов				Примечание
				<i>nifH</i>	<i>nifD</i>	<i>nodC</i>	<i>nifK</i>	
1	<i>Lathyrus vernus</i> (Чина весенняя)	LVe 1.4	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
2		LVe 2.3	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
3		LVe 4.3	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
4		LVe 4.11	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
5		LVe 5.1	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
6		LVe 5.2	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
7		LVe 5.3	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
8		LVe 5.7	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
9		LVe 6.1	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
10		LVe 6.3	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
11		LVe 7.3	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
12		LVe 7.4	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
13		LVe 7.5	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
14		LVe 7.9	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
15		LVe 7.15	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
16		LVe 8.1	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
17		LVe 8.8	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
18		LVe 9.3	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
19		LVe 10.2	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
20		LVe 10.4	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
21		LVe 10.5	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
22		LVe 10.6	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
23		LVe 10.7	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
24		LVe 10.9	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
25		LVe 10.11	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
26		LVe 11.2	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
27		LVe 12.1	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
28		LVe 12.2	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
29		LVe 13.1	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
30		LVe 13.6	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
31		LVe 13.8	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
32		LVe 14.1	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
33		LVe 14.2	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
34		LVe 14.4	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
35		LVe 15.1	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
36		LVe 15.2	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
37		LVe 16.1	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
38		LVe 16.2	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
39		LVe 16.4	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
40		LVe 16.9	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
41		LVe 16.10	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
42		LVe 16.12	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
43		LVe 16.14	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
44		LVe 2	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
45		LVe 3	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
46		LVe 5	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
47		LVe 8	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
48		LVe 9	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
49		LVe 13	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
50		LVe 17	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
51		LVe 21	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
52		LVe И3	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
53		LVe И4	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
54		LVe И7	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
55		LVe И9	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
56		LVe И11	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
57		LVe И19	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
58	<i>Lathyrus pallescens</i> (Чина бледноватая)	LPal 6	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
59		LPal 10	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
60		LPal 15	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
61		LPal 28	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
62		LPal 30	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
63		LPal 44	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
64		LPal 57	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
65		LPal 62	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
66	LPalu 1	<i>Rhizobium</i> sp.	+		Rhizobium			
67		LPalu 2	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
68		LPalu 4	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
69		LPalu 5	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
70		LPalu 1.1	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	

71		LPalu 7	<i>Rhizobium</i> sp.	+		Rhizobium		
72		LPalu 8	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
73		LPalu 14	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
74		LPalu 18	<i>Rhizobium</i> sp.	+		Rhizobium		
75	<b><i>Lathyrus palustris</i></b> (Чина болотная)	LPalu 20	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
76		LPalu 22	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
77		LPalu 23	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
78		LPalu 24	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
79		LPalu 25	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
80		LPalu 29	<i>Rhizobium</i> sp.	+		Rhizobium		
81		LPalu 30	<i>Rhizobium</i> sp.	+		Rhizobium		
82		LPalu 32	<i>Rhizobium</i> sp.	+		Rhizobium		
83		LPalu 37	<i>Rhizobium</i> sp.	+		Rhizobium		
84		LPalu 39	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
85	LPalu 40	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium		
86	LPalu 43	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium		
87	<b><i>Lathyrus pisiformis</i></b> (Чина гороховидная)	Lpi 1	<i>Rhizobium</i> sp.	+	+			
88		Lpi 2	<i>Rhizobium</i> sp.	+	+			
89		Lpi 3	<i>Rhizobium</i> sp.	+	+			
90		Lpi 4	<i>Rhizobium</i> sp.	+	+			
91		Lpi 5	<i>Rhizobium</i> sp.	+	+			
92		Lpi 6	<i>Rhizobium</i> sp.	+	+			
93		Lpi 7	<i>Rhizobium</i> sp.	+	+			
94		Lpi 8	<i>Rhizobium</i> sp.	+	+			
95		Lpi 9	<i>Rhizobium</i> sp.	+	+			
96		Lpi 10	<i>Rhizobium</i> sp.	+	+			
97		Lpi 11	<i>Rhizobium</i> sp.	+	+			
98		Lpi 12	<i>Rhizobium</i> sp.	+	+			
99		Lpi 13	<i>Rhizobium</i> sp.	+	+			
100		Lpi 14	<i>Rhizobium</i> sp.	+	+			
101	Lpi 15	<i>Rhizobium</i> sp.	+	+				
102	Lpi 16	<i>Rhizobium</i> sp.	+	+				
103	Lpi 17	<i>Rhizobium</i> sp.	+	+				
104	Lpi 18	<i>Rhizobium</i> sp.	+	+				
105	Lpi 19	<i>Rhizobium</i> sp.	+	+				
106	Lpi 20	<i>Rhizobium</i> sp.	+	+				
107	Lpi 21	<i>Rhizobium</i> sp.	+	+				
108	<b><i>Lathyrus litvinovii</i></b> (Чина Литвинова)	LLi 1	<i>Rhizobium</i> sp.	+	+			
109		LLi 2	<i>Rhizobium</i> sp.	+	+			
110		LLi 3	<i>Rhizobium</i> sp.	+	+			
111		LLi 4	<i>Rhizobium</i> sp.	+	+			
112		LLi 5	<i>Rhizobium</i> sp.	+	+			
113		LLi 6	<i>Rhizobium</i> sp.	+	+			
114		LLi 7	<i>Rhizobium</i> sp.	+	+			
115		LLi 8	<i>Rhizobium</i> sp.	+	+			
116		LLi 9	<i>Rhizobium</i> sp.	+	+			
117		LLi 10	<i>Rhizobium</i> sp.	+	+			
118		LLi 11	<i>Rhizobium</i> sp.	+	+			
119		LLi 12	<i>Rhizobium</i> sp.	+	+			
120		LLi 13	<i>Rhizobium</i> sp.	+	+			
121		LLi 14	<i>Rhizobium</i> sp.	+	+			
122		LLi 15	<i>Rhizobium</i> sp.	+	+			
123		LLi 16	<i>Rhizobium</i> sp.	+	+			
124		LLi 17	<i>Rhizobium</i> sp.	+	+			
125		LLi 18	<i>Rhizobium</i> sp.	+	+			
126		LTu 1	<i>Rhizobium</i> sp.					
127		LTu 2	<i>Rhizobium</i> sp.					
128		LTu 3	<i>Rhizobium</i> sp.					
129		LTu 4	<i>Rhizobium</i> sp.					
130		LTu 5	<i>Rhizobium</i> sp.					
131		LTu 6	<i>Rhizobium</i> sp.					
132		LTu 7	<i>Rhizobium</i> sp.					
133		LTu 8	<i>Rhizobium</i> sp.					
134		LTu 9	<i>Rhizobium</i> sp.					
135		LTu 10	<i>Rhizobium</i> sp.					
136		LTu 11	<i>Rhizobium</i> sp.					
137		LTu 12	<i>Rhizobium</i> sp.					
138		LTu 13	<i>Rhizobium</i> sp.					
139		LTu 14	<i>Rhizobium</i> sp.					
140		LTu 15	<i>Rhizobium</i> sp.					
141		LTu 16	<i>Rhizobium</i> sp.					
142		LTu 17	<i>Rhizobium</i> sp.					
143		LTu 18	<i>Rhizobium</i> sp.					
144		LTu 19	<i>Rhizobium</i> sp.					

145		LTu 20	<i>Rhizobium</i> sp.					
146		LTu 21	<i>Rhizobium</i> sp.					
147		LTu 22	<i>Rhizobium</i> sp.					
148		LTu 23	<i>Rhizobium</i> sp.					
149	<b><i>Lathyrus tuberosus</i></b> <b>(Чина клубненосная)</b>	LTu 24	<i>Rhizobium</i> sp.					
150		LTu 25	<i>Rhizobium</i> sp.					
151		LTu 26	<i>Rhizobium</i> sp.					
152		LTu 27	<i>Rhizobium</i> sp.					
153		LTu 28	<i>Rhizobium</i> sp.					
154		LTu 29	<i>Rhizobium</i> sp.					
155		LTu 30	<i>Rhizobium</i> sp.					
156		LTu 31	<i>Rhizobium</i> sp.					
157		LTu 32	<i>Rhizobium</i> sp.					
158		LTu 33	<i>Rhizobium</i> sp.					
159		LTu 34	<i>Rhizobium</i> sp.					
160		LTu 35	<i>Rhizobium</i> sp.					
161		LTu 36	<i>Rhizobium</i> sp.					
162		LTu 37	<i>Rhizobium</i> sp.					
163		LTu 38	<i>Rhizobium</i> sp.					
164		LTu 39	<i>Rhizobium</i> sp.					
165		LTu 40	<i>Rhizobium</i> sp.					
166		LTu 41	<i>Rhizobium</i> sp.					
167		LTu 42	<i>Rhizobium</i> sp.					
168		LTu 43	<i>Rhizobium</i> sp.					
169		LTu 44	<i>Rhizobium</i> sp.					
170		LTu 45	<i>Rhizobium</i> sp.					
171		LTu 46	<i>Rhizobium</i> sp.					
172		LTu 47	<i>Rhizobium</i> sp.					
173		LTu 48	<i>Rhizobium</i> sp.					
174		LTu 49	<i>Rhizobium</i> sp.					
175		<b><i>Lathyrus sylvestris</i></b> <b>(Чина лесная)</b>	LSy 1	<i>Rhizobium</i> sp.				
176			LSy 2	<i>Rhizobium</i> sp.				
177			LSy 3	<i>Rhizobium</i> sp.				
178	LSy 4		<i>Rhizobium</i> sp.					
179	LSy 5		<i>Rhizobium</i> sp.					
180	LSy 6		<i>Rhizobium</i> sp.					
181	LSy 7		<i>Rhizobium</i> sp.					
182	LSy 8		<i>Rhizobium</i> sp.					
183	LSy 9		<i>Rhizobium</i> sp.					
184	LSy 10		<i>Rhizobium</i> sp.					
185	LSy 11		<i>Rhizobium</i> sp.					
186	LSy 12		<i>Rhizobium</i> sp.					
187	LSy 13		<i>Rhizobium</i> sp.					
188	LSy 14		<i>Rhizobium</i> sp.					
189	LSy 15		<i>Rhizobium</i> sp.					
190	LSy 16		<i>Rhizobium</i> sp.					
191	LSy 17		<i>Rhizobium</i> sp.					
192	LSy 18		<i>Rhizobium</i> sp.					
193	LSy 19		<i>Rhizobium</i> sp.					
194	LSy 20		<i>Rhizobium</i> sp.					
195	LSy 21		<i>Rhizobium</i> sp.					
196	LSy 22		<i>Rhizobium</i> sp.					
197	LSy 23		<i>Rhizobium</i> sp.					
198	LSy 24		<i>Rhizobium</i> sp.					
199	LSy 25		<i>Rhizobium</i> sp.					
200	LSy 26		<i>Rhizobium</i> sp.					
201	LSy 27		<i>Rhizobium</i> sp.					
202			LPr 1	<i>Rhizobium</i> sp.				
203			LPr 2	<i>Rhizobium</i> sp.				
204		LPr 3	<i>Rhizobium</i> sp.					
205		LPr 4	<i>Rhizobium</i> sp.					
206		LPr 5	<i>Rhizobium</i> sp.					
207		LPr 6	<i>Rhizobium</i> sp.					
208		LPr 7	<i>Rhizobium</i> sp.					
209		LPr 8	<i>Rhizobium</i> sp.					
210		LPr 9	<i>Rhizobium</i> sp.					
211		LPr 10	<i>Rhizobium</i> sp.					
212		LPr 11	<i>Rhizobium</i> sp.					
213		LPr 12	<i>Rhizobium</i> sp.					
214		LPr 13	<i>Rhizobium</i> sp.					
215		LPr 14	<i>Rhizobium</i> sp.					
216		LPr 15	<i>Rhizobium</i> sp.					
217		LPr 16	<i>Rhizobium</i> sp.					
218		LPr 17	<i>Rhizobium</i> sp.					

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219		LPr 18	<i>Rhizobium</i> sp.				
220		LPr 19	<i>Rhizobium</i> sp.				
221		LPr 20	<i>Rhizobium</i> sp.				
222		LPr 21	<i>Rhizobium</i> sp.				
223	<b><i>Lathyrus pratensis</i></b> (Чина луговая)	LPr 22	<i>Rhizobium</i> sp.				
224		LPr 23	<i>Rhizobium</i> sp.				
225		LPr 24	<i>Rhizobium</i> sp.				
226		LPr 25	<i>Rhizobium</i> sp.				
227		LPr 26	<i>Rhizobium</i> sp.				
228		LPr 27	<i>Rhizobium</i> sp.				
229		LPr 28	<i>Rhizobium</i> sp.				
230		LPr 29	<i>Rhizobium</i> sp.				
231		LPr 30	<i>Rhizobium</i> sp.				
232		LPr 31	<i>Rhizobium</i> sp.				
233		LPr 32	<i>Rhizobium</i> sp.				
234		LPr 33	<i>Rhizobium</i> sp.				
235		LPr 34	<i>Rhizobium</i> sp.				
236		LPr 35	<i>Rhizobium</i> sp.				
237		LPr 36	<i>Rhizobium</i> sp.				
238		LPr 37	<i>Rhizobium</i> sp.				
239		LPr 38	<i>Rhizobium</i> sp.				
240		LPr 39	<i>Rhizobium</i> sp.				
241		LPr 40	<i>Rhizobium</i> sp.				
242		LPr 41	<i>Rhizobium</i> sp.				
243		LPr 42	<i>Rhizobium</i> sp.				
244		LPr 43	<i>Rhizobium</i> sp.				
245		LPr 44	<i>Rhizobium</i> sp.				
246		LPr 45	<i>Rhizobium</i> sp.				
247	<b><i>Lathyrus gmelinii</i></b> (Чина Гмелина)	LGm 1	<i>Rhizobium</i> sp.				
248		LGm 2	<i>Rhizobium</i> sp.				
249		LGm 3	<i>Rhizobium</i> sp.				
250		LGm 4	<i>Rhizobium</i> sp.				
251		LGm 5	<i>Rhizobium</i> sp.				
252	<b><i>Vicia cracca</i></b> (Горошек мышиный)	VCr 2	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
253		VCr 3	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
254		VCr 5	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
255		VCr 6	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
256		VCr 7	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
257		VCr 9	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
258		VCr 9.1	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
259		VCr 10	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
260		VCr 23	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
261		VCr 28	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
262		VCr 32	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
263		VCr 38	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
264		VCr 40	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
265	<b><i>Vicia sylvatica</i></b> (Горошек лесной)	VSy 1	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
266		VSy 2	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
267		VSy 3	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
268		VSy 5	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
269		VSy 6	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
270		VSy 7	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
271		VSy 13	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
272		VSy 15	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
273		VSy 18	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
274		VSy 21	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
275		VSy 23	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
276		VSy 25	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
277		VSy 26	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
278		VSy 29	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
279		VSy 30	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
280	VSy 31	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>	
281	<b><i>Vicia sepium</i></b> (Горошек заборный)	Vse 3	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
282		Vse 8	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
283		Vse 9	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
284		Vse 9.1	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
285		Vse 10	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
286		Vse 11	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
287		Vse 12	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
288		Vse 16	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
289		Vse 18	<i>Rhizobium</i> sp.	+			
290		Vse 21	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
291		Vse 28	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>
292		Vse 34	<i>Rhizobium</i> sp.	+		<i>Rhizobium</i>	<i>Rhizobium</i>

293		Vse 36	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
294		Vse 39	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
295		Vse 41	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
296		Vse 42	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
297		Vse 46	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
298		Vse 47	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
299		Vse 55	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
300		Vse 57	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
301	<i>Vicia pisiformis</i>	Vpi 104	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
302	(Горошек)	Vpi 110	<i>Rhizobium</i> sp.	+		Rhizobium	Rhizobium	
303		PSa 7	<i>Rhizobium</i> sp.	+				
304	<i>Pisum sativum</i>	PSa 15.1	<i>Rhizobium</i> sp.	+				
305	(Горох посевной)	PSa 18.2	<i>Rhizobium</i> sp.	+				
306		PSa 18.6	<i>Rhizobium</i> sp.	+				
307		BKBOSp1	<i>Mesorhizobium</i> sp.	+	+			
308		BKBOSp2	<i>Mesorhizobium</i> sp.	+	+			
309		BKBOSp3	<i>Mesorhizobium</i> sp.	+	+			
310		BKBOSp4	<i>Mesorhizobium</i> sp.	+				
311		BKBOSp5	<i>Mesorhizobium</i> sp.	+	+			
312	<i>Oxytropis spicata</i>	BKBOSp6	<i>Mesorhizobium</i> sp.	+	+			
313	(Остролодочник	BKBOSp7	<i>Mesorhizobium</i> sp.	+				
314	колосистый)	BKBOSp8	<i>Mesorhizobium</i> sp.		+			
315		BKBOSp9	<i>Mesorhizobium</i> sp.	+	+			
316		BKBOSp10	<i>Mesorhizobium</i> sp.	+				
317		BKBOSp11	<i>Mesorhizobium</i> sp.		+			
318		BKBOSp12	<i>Mesorhizobium</i> sp.	+	+			
319	<i>Oxytropis pilosa</i>	OPI1	<i>Mesorhizobium</i> sp.	+	+			
320	(Остролодочник)	OPI2	<i>Mesorhizobium</i> sp.	+	+			
322		OAp1.1	<i>Mesorhizobium</i> sp.	+				
323		OAp1.2	<i>Mesorhizobium</i> sp.	+				
324		OAp 2.1	<i>Mesorhizobium</i> sp.	+				
325		OAp 2.2	<i>Mesorhizobium</i> sp.	+				
326		OAp 2.3	<i>Mesorhizobium</i> sp.	+				
327		OAp 2.4	<i>Mesorhizobium</i> sp.	+				
328		OAp 2.5	<i>Mesorhizobium</i> sp.	+				
329		OAp 2.6	<i>Mesorhizobium</i> sp.	+				
330		OAp 3.1	<i>Mesorhizobium</i> sp.	+				
331		OAp 3.2	<i>Mesorhizobium</i> sp.	+				
332		OAp 3.3	<i>Mesorhizobium</i> sp.	+				
333		OAp 3.4	<i>Mesorhizobium</i> sp.	+				
334		OAp 3.5	<i>Mesorhizobium</i> sp.	+				
335		OAp 3.6	<i>Mesorhizobium</i> sp.	+				
336		OAp 4.1	<i>Mesorhizobium</i> sp.	+				
337		OAp 4.2	<i>Mesorhizobium</i> sp.	+				
338		OAp 4.3	<i>Mesorhizobium</i> sp.	+				
339		OAp 4.4	<i>Mesorhizobium</i> sp.	+				
340		OAp 4.5	<i>Mesorhizobium</i> sp.	+				
341		OAp 4.6	<i>Mesorhizobium</i> sp.	+				
342		OAp 4.7	<i>Mesorhizobium</i> sp.	+				
343		OAp 4.8	<i>Mesorhizobium</i> sp.	+				
344		OAp 4.9	<i>Mesorhizobium</i> sp.	+				
345		OAp 4.10	<i>Mesorhizobium</i> sp.	+				
346	<i>Oxytropis</i>	OAp 1	<i>Mesorhizobium</i> sp.	+				
347	<i>approximata</i>	OAp 2	<i>Mesorhizobium</i> sp.	+				
348	(Остролодочник	OAp 3	<i>Mesorhizobium</i> sp.	+				
349	близкий)	OAp 4	<i>Mesorhizobium</i> sp.	+				
350		OAp 5	<i>Mesorhizobium</i> sp.	+				
351		OAp 6	<i>Mesorhizobium</i> sp.					
352		OAp 7	<i>Mesorhizobium</i> sp.	+				
353		OAp 8	<i>Mesorhizobium</i> sp.	+				
354		OAp 9	<i>Mesorhizobium</i> sp.	+				
355		OAp 10	<i>Mesorhizobium</i> sp.					
356		OAp 11	<i>Mesorhizobium</i> sp.	+				
357		OAp 12	<i>Mesorhizobium</i> sp.	+				
358		OAp 13	<i>Mesorhizobium</i> sp.	+				
359		OAp 14	<i>Mesorhizobium</i> sp.					
360		OAp 15	<i>Mesorhizobium</i> sp.	+				
361		OAp 1.1	<i>Mesorhizobium</i> sp.					
362		OAp 1.2	<i>Mesorhizobium</i> sp.					
363		OAp 1.3	<i>Mesorhizobium</i> sp.					
364		OAp 1.4	<i>Mesorhizobium</i> sp.					
365		OAp 1.5	<i>Mesorhizobium</i> sp.					
366		OAp 1.6	<i>Mesorhizobium</i> sp.					
367		OAp 1.7	<i>Mesorhizobium</i> sp.					

368		ОАр 1.8	<i>Mesorhizobium</i> sp.					
369		ОАр 1.9	<i>Mesorhizobium</i> sp.					
370		ОАр 1.10	<i>Mesorhizobium</i> sp.					
371		ОАр 1(2)	<i>Mesorhizobium</i> sp.					
372		Оар 2(2)	<i>Mesorhizobium</i> sp.					
373	<b><i>Oxytropis kungurensis</i> (Остролодочник кунгурский)</b>	ОКу1.1	<i>Mesorhizobium</i> sp.	+				
374		ОКу1.2	<i>Mesorhizobium</i> sp.	+				
375		ОКу1.3	<i>Mesorhizobium</i> sp.	+				
376		ОКу1.4	<i>Mesorhizobium</i> sp.	+				
377		ОКу1.5	<i>Mesorhizobium</i> sp.	+				
378		ОКу1.6	<i>Mesorhizobium</i> sp.	+				
379		ОКу1.7	<i>Mesorhizobium</i> sp.	+				
380		ОКу1.8	<i>Mesorhizobium</i> sp.	+				
381		ОКу1.9	<i>Mesorhizobium</i> sp.	+				
382		ОКу1.10	<i>Mesorhizobium</i> sp.	+				
383		ОКу1.11	<i>Mesorhizobium</i> sp.	+				
384		ОКу2.1	<i>Mesorhizobium</i> sp.	+				
385		ОКу2.2	<i>Mesorhizobium</i> sp.	+				
386		ОКу2.3	<i>Mesorhizobium</i> sp.	+				
387		ОКу 3.1	<i>Mesorhizobium</i> sp.	+				
388		ОКу 3.2	<i>Mesorhizobium</i> sp.	+				
389		ОКу 3.3	<i>Mesorhizobium</i> sp.	+				
390	<b><i>Oxytropis gmelinii</i> (Остролодочник Гмелина)</b>	ОГм 1	<i>Mesorhizobium</i> sp.	+				
391		ОГм 2	<i>Mesorhizobium</i> sp.	+				
392		ОГм 3	<i>Mesorhizobium</i> sp.	+				
393		ОВа 1.1	<i>Mesorhizobium</i> sp.	+				
394		ОВа 1.2	<i>Mesorhizobium</i> sp.	+				
395		ОВа 1.3	<i>Mesorhizobium</i> sp.	+				
396		ОВа 1.4	<i>Mesorhizobium</i> sp.	+				
397		ОВа 1.5	<i>Mesorhizobium</i> sp.	+				
398		ОВа 1.6	<i>Mesorhizobium</i> sp.	+				
399		ОВа 2.1	<i>Mesorhizobium</i> sp.	+				
400		ОВа 2.2	<i>Mesorhizobium</i> sp.	+				
401		ОВа 2.3	<i>Mesorhizobium</i> sp.	+				
402		ОВа 2.4	<i>Mesorhizobium</i> sp.	+				
403		ОВа 3.1	<i>Mesorhizobium</i> sp.	+				
404		ОВа 3.2	<i>Mesorhizobium</i> sp.	+				
405		ОВа 3.3	<i>Mesorhizobium</i> sp.	+				
406		ОВа 3.4	<i>Mesorhizobium</i> sp.	+				
407		ОВа 3.5	<i>Mesorhizobium</i> sp.	+				
408		ОВа 3.6	<i>Mesorhizobium</i> sp.	+				
409		ОВа 3.7	<i>Mesorhizobium</i> sp.	+				
410		ОВа 3.8	<i>Mesorhizobium</i> sp.	+				
411		ОВа 3.9	<i>Mesorhizobium</i> sp.	+				
412		ОВа 3.10	<i>Mesorhizobium</i> sp.	+				
413		ОВа 3.11	<i>Mesorhizobium</i> sp.	+				
414		ОВа 3.12	<i>Mesorhizobium</i> sp.	+				
415		ОВа 3.13	<i>Mesorhizobium</i> sp.	+				
416		ОВа 3.14	<i>Mesorhizobium</i> sp.	+				
417		ОВа 3.15	<i>Mesorhizobium</i> sp.	+				
418		ОВа 3.16	<i>Mesorhizobium</i> sp.	+				
419		ОВа 3.17	<i>Mesorhizobium</i> sp.	+				
420		ОВа 3.18	<i>Mesorhizobium</i> sp.	+				
421		ОВа 3.19	<i>Mesorhizobium</i> sp.	+				
422		ОВа 3.20	<i>Mesorhizobium</i> sp.	+				
423	ОВа 1.1 (2016)	<i>Mesorhizobium</i> sp.	+					
424	ОВа 1.2 (2016)	<i>Mesorhizobium</i> sp.						
425	ОВа 1.3 (2016)	<i>Mesorhizobium</i> sp.						
426	ОВа 1.4 (2016)	<i>Mesorhizobium</i> sp.						
427	ОВа 1.5 (2016)	<i>Mesorhizobium</i> sp.						
428	ОВа 1.6 (2016)	<i>Mesorhizobium</i> sp.	+					
429	ОВа 2.1 (2016)	<i>Mesorhizobium</i> sp.						
430	ОВа 2.2 (2016)	<i>Mesorhizobium</i> sp.						
431	ОВа 2.3 (2016)	<i>Mesorhizobium</i> sp.						
432	ОВа 2.4 (2016)	<i>Mesorhizobium</i> sp.						
433	<b><i>Oxytropis baschkiriensis</i> (Остролодочник Башкирский)</b>	ОВа 2.5 (2016)	<i>Mesorhizobium</i> sp.					
434		ОВа 2.6 (2016)	<i>Mesorhizobium</i> sp.					
435		ОВа 2.7 (2016)	<i>Mesorhizobium</i> sp.					
436		ОВа 2.8 (2016)	<i>Mesorhizobium</i> sp.					
437		ОВа 2.9 (2016)	<i>Mesorhizobium</i> sp.					
438		ОВа 2.10 (2016)	<i>Mesorhizobium</i> sp.					
439		ОВа 2.11 (2016)	<i>Mesorhizobium</i> sp.					
440		ОВа 2.12 (2016)	<i>Mesorhizobium</i> sp.					
441		ОВа 2.13 (2016)	<i>Mesorhizobium</i> sp.					

442		OBa 2.14 (2016)	<i>Mesorhizobium</i> sp.				
443		OBa 2.15 (2016)	<i>Mesorhizobium</i> sp.				
444		OBa 2.1.1 (2016)	<i>Mesorhizobium</i> sp.				
445		OBa 2.2.1 (2016)	<i>Mesorhizobium</i> sp.				
446		OBa 2.3.1 (2016)	<i>Mesorhizobium</i> sp.	+			
447		OBa 2.4.1 (2016)	<i>Mesorhizobium</i> sp.				
448		OBa 2.5.1 (2016)	<i>Mesorhizobium</i> sp.				
449		OBa 2.6.1 (2016)	<i>Mesorhizobium</i> sp.				
450		OBa 2.7.1 (2016)	<i>Mesorhizobium</i> sp.				
451		OBa 2.8.1 (2016)	<i>Mesorhizobium</i> sp.				
452		OBa 2.9.1 (2016)	<i>Mesorhizobium</i> sp.				
453		OBa 2.10.1 (2016)	<i>Mesorhizobium</i> sp.				
454		OBa 2.11.1 (2016)	<i>Mesorhizobium</i> sp.				
455		OBa 2.12.1 (2016)	<i>Mesorhizobium</i> sp.				
456		OBa 2.13.1 (2016)	<i>Mesorhizobium</i> sp.				
457		OBa 2.14.1 (2016)	<i>Mesorhizobium</i> sp.				
458		OBa 2.15.1 (2016)	<i>Mesorhizobium</i> sp.				
459		OBa1	<i>Mesorhizobium</i> sp.				
460		OBa2	<i>Mesorhizobium</i> sp.				
461		OBa3	<i>Mesorhizobium</i> sp.				
462		OBa4	<i>Mesorhizobium</i> sp.				
463		OBa5	<i>Mesorhizobium</i> sp.				
464		OBa6	<i>Mesorhizobium</i> sp.				
465		OBa7	<i>Mesorhizobium</i> sp.				
466		OBa8	<i>Mesorhizobium</i> sp.				
467		OBa9	<i>Mesorhizobium</i> sp.				
468		OBa10	<i>Mesorhizobium</i> sp.				
469		OBa11	<i>Mesorhizobium</i> sp.				
470		OBa12	<i>Mesorhizobium</i> sp.				
471		OBa13	<i>Mesorhizobium</i> sp.				
472		OBa14	<i>Mesorhizobium</i> sp.				
473		OBa15	<i>Mesorhizobium</i> sp.				
474		OBa16	<i>Mesorhizobium</i> sp.				
475		OBa17	<i>Mesorhizobium</i> sp.				
476		OBa18	<i>Mesorhizobium</i> sp.				
477	<b><i>Hedysarum grandiflorum</i></b> (Копеечник крупноцветковый)	HGr1	<i>Mesorhizobium</i> sp.	+	+		
478		HGr3	<i>Mesorhizobium</i> sp.	+	+		
479		HGr4	<i>Mesorhizobium</i> sp.	+	+		
480		HGr6	<i>Mesorhizobium</i> sp.	+	+		
481		HGr7	<i>Mesorhizobium</i> sp.	+	+		
482		HGr9	<i>Mesorhizobium</i> sp.	+	+		
483		HRa1(2010)	<i>Mesorhizobium</i> sp.	+	+		
484		HRa4(2010)	<i>Mesorhizobium</i> sp.	+	+		
485		HRa5(2010)	<i>Mesorhizobium</i> sp.	+	+		
486	HRa7(2010)	<i>Mesorhizobium</i> sp.	+	+			
487	HRa8(2010)	<i>Mesorhizobium</i> sp.	+	+			
488	HRa1	<i>Mesorhizobium</i> sp.	+	+			
489	HRa2	<i>Mesorhizobium</i> sp.	+	+			
490	HRa3	<i>Mesorhizobium</i> sp.	+	+			
491	HRa4	<i>Mesorhizobium</i> sp.	+	+			
492	HRa5	<i>Mesorhizobium</i> sp.	+	+			
493	HRa6	<i>Mesorhizobium</i> sp.	+	+			
494	HRa7	<i>Mesorhizobium</i> sp.	+	+			
495	HRa8	<i>Mesorhizobium</i> sp.	+	+			
496	HRa9	<i>Mesorhizobium</i> sp.	+	+			
497	HRa10	<i>Mesorhizobium</i> sp.	+	+			
498	HRa11	<i>Mesorhizobium</i> sp.	+	+			
499	HRa12	<i>Mesorhizobium</i> sp.	+	+			
500	HRa13	<i>Mesorhizobium</i> sp.	+	+			
501	HRa14	<i>Mesorhizobium</i> sp.	+	+			
502	HRa15	<i>Mesorhizobium</i> sp.	+	+			
503	HRa16	<i>Mesorhizobium</i> sp.	+	+			
504	HRa17	<i>Mesorhizobium</i> sp.	+	+			
505	HRa18	<i>Mesorhizobium</i> sp.	+	+			
506	HRa19	<i>Mesorhizobium</i> sp.	+	+			
507		HAI1	<i>Mesorhizobium</i> sp.				
508		HAI2	<i>Mesorhizobium</i> sp.				
509		HAI3	<i>Mesorhizobium</i> sp.				
510		HAI4	<i>Mesorhizobium</i> sp.				
511		HAI5	<i>Mesorhizobium</i> sp.				
512		HAI6	<i>Mesorhizobium</i> sp.				
513		HAI7	<i>Mesorhizobium</i> sp.				
514		HAI8	<i>Mesorhizobium</i> sp.				
515		HAI9	<i>Mesorhizobium</i> sp.				

516		HAI10	<i>Mesorhizobium</i> sp.				
517		HAI11	<i>Mesorhizobium</i> sp.				
518		HAI12	<i>Mesorhizobium</i> sp.				
519		HAI13	<i>Mesorhizobium</i> sp.				
520		HAI14	<i>Mesorhizobium</i> sp.				
521		HAI15	<i>Mesorhizobium</i> sp.				
522		HAI16	<i>Mesorhizobium</i> sp.				
523		HAI17	<i>Mesorhizobium</i> sp.				
524		HAI18	<i>Mesorhizobium</i> sp.				
525		HAI19	<i>Mesorhizobium</i> sp.				
526		HAI20	<i>Mesorhizobium</i> sp.				
527		HAI21	<i>Mesorhizobium</i> sp.				
528		HAI22	<i>Mesorhizobium</i> sp.				
529		HAI23	<i>Mesorhizobium</i> sp.				
530		HAI24	<i>Mesorhizobium</i> sp.				
531		HAI25	<i>Mesorhizobium</i> sp.				
532		HAI26	<i>Mesorhizobium</i> sp.				
533		HAI27	<i>Mesorhizobium</i> sp.				
534		HAI28	<i>Mesorhizobium</i> sp.				
535		HAI29	<i>Mesorhizobium</i> sp.				
536		HAI30	<i>Mesorhizobium</i> sp.				
537		HAI31	<i>Mesorhizobium</i> sp.				
538		HAI32	<i>Mesorhizobium</i> sp.				
539		HAI33	<i>Mesorhizobium</i> sp.				
540	<b><i>Hedysarum alpinum</i></b> <b>(Копеечник альпийский)</b>	HAI34	<i>Mesorhizobium</i> sp.				
541		HAI35	<i>Mesorhizobium</i> sp.				
542		HAI36	<i>Mesorhizobium</i> sp.				
543		HAI37	<i>Mesorhizobium</i> sp.				
544		HAI38	<i>Mesorhizobium</i> sp.				
545		HAI39	<i>Mesorhizobium</i> sp.				
546		HAI40	<i>Mesorhizobium</i> sp.				
547		HAI41	<i>Mesorhizobium</i> sp.				
548		HAI42	<i>Mesorhizobium</i> sp.				
549		HAI43	<i>Mesorhizobium</i> sp.				
550		HAI44	<i>Mesorhizobium</i> sp.				
551		HAI45	<i>Mesorhizobium</i> sp.				
552		HAI46	<i>Mesorhizobium</i> sp.				
553		HAI47	<i>Mesorhizobium</i> sp.				
554		HAI48	<i>Mesorhizobium</i> sp.				
555		HAI49	<i>Mesorhizobium</i> sp.				
556		HAI50	<i>Mesorhizobium</i> sp.				
557		HAI51	<i>Mesorhizobium</i> sp.				
558		HAI52	<i>Mesorhizobium</i> sp.				
559		HAI53	<i>Mesorhizobium</i> sp.				
560		HAI54	<i>Mesorhizobium</i> sp.				
561		HAI55	<i>Mesorhizobium</i> sp.				
562		HAI56	<i>Mesorhizobium</i> sp.				
563		HAI57	<i>Mesorhizobium</i> sp.				
564		HAI58	<i>Mesorhizobium</i> sp.				
565		HAI59	<i>Mesorhizobium</i> sp.				
566		HAI60	<i>Mesorhizobium</i> sp.				
567		HAI61	<i>Mesorhizobium</i> sp.				
568		HAI62	<i>Mesorhizobium</i> sp.				
569		HAI63	<i>Mesorhizobium</i> sp.				
570		HAI64	<i>Mesorhizobium</i> sp.				
571		HAI65	<i>Mesorhizobium</i> sp.				
572		HAI66	<i>Mesorhizobium</i> sp.				
573		HAI67	<i>Mesorhizobium</i> sp.				
574		HAI68	<i>Mesorhizobium</i> sp.				
575		HAI69	<i>Mesorhizobium</i> sp.				
576	HAI70	<i>Mesorhizobium</i> sp.					
577	<b><i>Astragalus austriacus</i></b>	AAu1	<i>Mesorhizobium</i> sp.	+	+		
578		AAu2	<i>Mesorhizobium</i> sp.	+	+		
579	<b><i>Astragalus glycyphyllos</i></b> <b>(Астрагал солодколистный)</b>	AGI 1	<i>Mesorhizobium</i> sp.	+	+		
580		AGI 2	<i>Mesorhizobium</i> sp.	+	+		
581		AGI 3	<i>Mesorhizobium</i> sp.	+	+		
582		AGI 4	<i>Mesorhizobium</i> sp.	+	+		
583		AGI 5	<i>Mesorhizobium</i> sp.	+	+		
584		AGI 6	<i>Mesorhizobium</i> sp.	+	+		
585		AGI 7	<i>Mesorhizobium</i> sp.	+	+		
586		AGI 8	<i>Mesorhizobium</i> sp.	+	+		
587		AGI 9	<i>Mesorhizobium</i> sp.	+	+		
588		AGI 10	<i>Mesorhizobium</i> sp.	+	+		
589		AGI 11	<i>Mesorhizobium</i> sp.	+	+		

В РАБОТЕ

590	<i>Astragalus uliginosus</i>	AUI1	<i>Mesorhizobium</i> sp.	+				
591		AUI2	<i>Mesorhizobium</i> sp.	+				
592	<i>(Астрагал)</i>	AUI3	<i>Mesorhizobium</i> sp.	+				
593	<i>Astragalus danicus</i> <i>(Астрагал датский)</i>	ADa2(2008)	<i>Mesorhizobium</i> sp.					В РАБОТЕ
594		ADa3(2008)	<i>Mesorhizobium</i> sp.					
595		ADa4(2008)	<i>Mesorhizobium</i> sp.					
596		ADa5(2008)	<i>Mesorhizobium</i> sp.					
597		ADa1	<i>Mesorhizobium</i> sp.					
598		ADa2	<i>Mesorhizobium</i> sp.					
599		ADa10	<i>Mesorhizobium</i> sp.					
600	<i>Astragalus wolgensis</i> <i>(Астрагал волжский)</i>	AWo1	<i>Mesorhizobium</i> sp.					В РАБОТЕ
601		AWo2	<i>Mesorhizobium</i> sp.					
602		AWo3	<i>Mesorhizobium</i> sp.					
603		AWo4	<i>Mesorhizobium</i> sp.					
604	<i>Astragalus gorczakovskii</i>	AGo5	<i>Mesorhizobium</i> sp.					В РАБОТЕ
605		AGo6	<i>Mesorhizobium</i> sp.					
608	<i>Astragalus helmii</i> <i>(Астрагал Гельма)</i>	AHe1	<i>Mesorhizobium</i> sp.					В РАБОТЕ
609		AHe2	<i>Mesorhizobium</i> sp.					
612	<i>Astragalus cornutus</i>	ACo5	<i>Mesorhizobium</i> sp.					В РАБОТЕ
616	<i>Astragalus cicer</i> <i>(Астрагал нумовый)</i>	ACi1	<i>Mesorhizobium</i> sp.					В РАБОТЕ
617		ACi2	<i>Mesorhizobium</i> sp.					
618		ACi3	<i>Mesorhizobium</i> sp.					
619		ACi4	<i>Mesorhizobium</i> sp.					
620		ACi5	<i>Mesorhizobium</i> sp.					
621		ACi6	<i>Mesorhizobium</i> sp.					
622		ACi7	<i>Mesorhizobium</i> sp.					
623		ACi8	<i>Mesorhizobium</i> sp.					
624		ACi9	<i>Mesorhizobium</i> sp.					
625		ACi10	<i>Mesorhizobium</i> sp.					
626		ACi11	<i>Mesorhizobium</i> sp.					
627		ACi12	<i>Mesorhizobium</i> sp.					
628		ACi13	<i>Mesorhizobium</i> sp.					
629		ACi14	<i>Mesorhizobium</i> sp.					
630		ACi15	<i>Mesorhizobium</i> sp.					
631		ACi16	<i>Mesorhizobium</i> sp.					
632		ACi17	<i>Mesorhizobium</i> sp.					
633		ACi18	<i>Mesorhizobium</i> sp.					
634		ACi19	<i>Mesorhizobium</i> sp.					
635		ACi20	<i>Mesorhizobium</i> sp.					
636		ACi21	<i>Mesorhizobium</i> sp.					
637		ACi22	<i>Mesorhizobium</i> sp.					
638		ACi23	<i>Mesorhizobium</i> sp.					
639		ACi24	<i>Mesorhizobium</i> sp.					
640		ACi25	<i>Mesorhizobium</i> sp.					
641		ACi1M	<i>Mesorhizobium</i> sp.					
642		ACi2M	<i>Mesorhizobium</i> sp.					
643		ACi3M	<i>Mesorhizobium</i> sp.					
644		ACi4M	<i>Mesorhizobium</i> sp.					
645		ACi16	<i>Mesorhizobium</i> sp.					
646		ACi26	<i>Mesorhizobium</i> sp.					
647		ACi36	<i>Mesorhizobium</i> sp.					
648		ACi5	<i>Mesorhizobium</i> sp.					
649		ACi9 (2012)	<i>Mesorhizobium</i> sp.					
650	ACi11 (2012)	<i>Mesorhizobium</i> sp.						
651	ACi13(2012)	<i>Mesorhizobium</i> sp.						
652	ACi15 (2012)	<i>Mesorhizobium</i> sp.						
653	<i>Saragana frutex</i> <i>(Карагана кустарниковая)</i>	CFr1	<i>Mesorhizobium</i> sp.					В РАБОТЕ
654		CFr2	<i>Mesorhizobium</i> sp.					
655		CFr3	<i>Mesorhizobium</i> sp.					
656		CFr3.1	<i>Mesorhizobium</i> sp.					
657		CFr4	<i>Mesorhizobium</i> sp.					
658		CFr5	<i>Mesorhizobium</i> sp.					
659		CFr6	<i>Mesorhizobium</i> sp.					
660		CFr7	<i>Mesorhizobium</i> sp.					
661		CFr15g	<i>Mesorhizobium</i> sp.					
662		CFr16g	<i>Mesorhizobium</i> sp.					
663		CFr17g	<i>Mesorhizobium</i> sp.					
664		CFr18g	<i>Mesorhizobium</i> sp.					
665		CFr19g	<i>Mesorhizobium</i> sp.					
666		CFr20g	<i>Mesorhizobium</i> sp.					
667	CFr1(2006)	<i>Mesorhizobium</i> sp.						
668	CFr3(2006)	<i>Mesorhizobium</i> sp.						
669	CFr4(2006)	<i>Mesorhizobium</i> sp.						
670	CAR24N	<i>Mesorhizobium</i> sp.		+	+			
671	CAR16M	<i>Mesorhizobium</i> sp.		+	+			

672		CAr11M	<i>Mesorhizobium</i> sp.	+	+			
673		CAr22N	<i>Mesorhizobium</i> sp.	+	+			
674		CAr2B	<i>Mesorhizobium</i> sp.	+	+			
675		CAr1B	<i>Mesorhizobium</i> sp.	+	+			
676		CAr9B	<i>Mesorhizobium</i> sp.	+	+			
677		CAr23N	<i>Mesorhizobium</i> sp.	+	+			
678		CAr28M	<i>Mesorhizobium</i> sp.	+	+			
679		CAr27N	<i>Mesorhizobium</i> sp.	+	+			
680		CAr3B	<i>Mesorhizobium</i> sp.	+	+			
681		CAr20M	<i>Mesorhizobium</i> sp.	+	+			
682		CAr21N	<i>Mesorhizobium</i> sp.	+	+			
683		CAr26N	<i>Mesorhizobium</i> sp.	+	+			
684	<b><i>Saragana arborescens</i> (Карагана древовидная)</b>	CAr7B	<i>Mesorhizobium</i> sp.					
685		CAr10M	<i>Mesorhizobium</i> sp.					
686		CAr12M	<i>Mesorhizobium</i> sp.					
687		CAr17M	<i>Mesorhizobium</i> sp.					
688		CAr19M	<i>Mesorhizobium</i> sp.					
689		CAr18M	<i>Mesorhizobium</i> sp.					
690		CAr15M	<i>Mesorhizobium</i> sp.					
691		CAr13B	<i>Mesorhizobium</i> sp.					
692		CAr6B	<i>Mesorhizobium</i> sp.					
693		CAr14M	<i>Mesorhizobium</i> sp.					
694		CAr8B	<i>Mesorhizobium</i> sp.					
695		CAr5B	<i>Mesorhizobium</i> sp.					
696		CAr4B	<i>Mesorhizobium</i> sp.					
697		CAr25N	<i>Mesorhizobium</i> sp.					
698		CAr1	<i>Mesorhizobium</i> sp.		+	+		
699		CAr2	<i>Mesorhizobium</i> sp.		+	+		
700		CAr4	<i>Mesorhizobium</i> sp.		+	+		
701		<b><i>Lupinaster albus</i> (Люпинник белый)</b>	LAI 1	<i>Mesorhizobium</i> sp.	+		Mesorhiz	
702			LAI 2	<i>Mesorhizobium</i> sp.	+		Mesorhiz	
703			LAI 3	<i>Mesorhizobium</i> sp.	+			
704	<b><i>Lupinaster pentaphyllus</i> (Люпинник пятилистный)</b>	LPe 1	<i>Mesorhizobium</i> sp.	+				
705		LPe 2	<i>Mesorhizobium</i> sp.	+				
706		LPe 3	<i>Mesorhizobium</i> sp.	+				
707		LPe 4	<i>Mesorhizobium</i> sp.	+				
708		LPe 5	<i>Mesorhizobium</i> sp.	+		Mesorhiz		
709		LPe 6	<i>Mesorhizobium</i> sp.	+				
710		LPe 7	<i>Mesorhizobium</i> sp.	+				
711		LPe 8	<i>Mesorhizobium</i> sp.	+				
712		LPe 9	<i>Mesorhizobium</i> sp.	+				
713		LPe 10	<i>Mesorhizobium</i> sp.	+				
714		LPe 11	<i>Mesorhizobium</i> sp.	+		Mesorhiz		
715		LPe 12	<i>Mesorhizobium</i> sp.	+		Mesorhiz		
716		LPe 13	<i>Mesorhizobium</i> sp.	+				
717		LPe 14	<i>Mesorhizobium</i> sp.	+				
718		LPe 15	<i>Mesorhizobium</i> sp.	+		Mesorhiz		
719		LPe 16	<i>Mesorhizobium</i> sp.	+				
720	LPe 17	<i>Mesorhizobium</i> sp.	+					
721	<b><i>Lupinus polyphyllus</i> (Люпин многолистный)</b>	LPo1 (2011)	<i>Bradyrhizobium</i> sp.					
722		LPo2 (2011)	<i>Bradyrhizobium</i> sp.					
723		LPo2	<i>Bradyrhizobium</i> sp.	+		Sinorhiz		
724		LPo4	<i>Bradyrhizobium</i> sp.	+		Sinorhiz		
725		LPo5	<i>Bradyrhizobium</i> sp.	+		Sinorhiz		
726		LPo6	<i>Bradyrhizobium</i> sp.	+				
727		LPo8	<i>Bradyrhizobium</i> sp.	+		Bradyrhiz		
728		LPo9	<i>Bradyrhizobium</i> sp.	+		Bradyrhiz		
729		LPo10	<i>Bradyrhizobium</i> sp.	+		Bradyrhiz		
730		LPo11	<i>Bradyrhizobium</i> sp.	+		Bradyrhiz		
731		LPo12	<i>Bradyrhizobium</i> sp.	+		Bradyrhiz		
732		LPo13	<i>Bradyrhizobium</i> sp.	+		Bradyrhiz		
733		LPo14	<i>Bradyrhizobium</i> sp.	+		Bradyrhiz		
734		LPo15	<i>Bradyrhizobium</i> sp.	+		Bradyrhiz		
735		LPo16	<i>Bradyrhizobium</i> sp.	+		Bradyrhiz		
736			GOr0701	<i>Neorhizobium</i> sp.				
737	GOr0702		<i>Neorhizobium</i> sp.					
738	GOr0704		<i>Neorhizobium</i> sp.					
739	GOr0708		<i>Neorhizobium</i> sp.					
740	GOr0716		<i>Neorhizobium</i> sp.					
741	GOr0717		<i>Neorhizobium</i> sp.					
742	GOr0718		<i>Neorhizobium</i> sp.					
743	GOr0719		<i>Neorhizobium</i> sp.					
744	GOr0720		<i>Neorhizobium</i> sp.					
745	GOr0721		<i>Neorhizobium</i> sp.					

746	GOr1015	<i>Neorhizobium</i> sp.				
747	GOr1019	<i>Neorhizobium</i> sp.				
748	GOr 1 (2010)	<i>Neorhizobium</i> sp.	+	+		
749	GOr 2 (2010)	<i>Neorhizobium</i> sp.	+	+		
750	GOr 3 (2010)	<i>Neorhizobium</i> sp.	+	+		
751	GOr 4 (2010)	<i>Neorhizobium</i> sp.	+	+		
752	GOr 5 (2010)	<i>Neorhizobium</i> sp.	+	+		
753	GOr 6 (2010)	<i>Neorhizobium</i> sp.	+	+		
754	GOr 7 (2010)	<i>Neorhizobium</i> sp.	+	+		
755	GOr 8 (2010)	<i>Neorhizobium</i> sp.	+	+		
756	GOr 9 (2010)	<i>Neorhizobium</i> sp.	+	+		
757	GOr 10 (2010)	<i>Neorhizobium</i> sp.	+	+		
758	GOr 11 (2010)	<i>Neorhizobium</i> sp.	+	+		
759	GOr 13 (2010)	<i>Neorhizobium</i> sp.	+	+		
760	GOr 14 (2010)	<i>Neorhizobium</i> sp.	+	+		
761	GOr 15 (2010)	<i>Neorhizobium</i> sp.	+	+		
762	GOr 16 (2010)	<i>Neorhizobium</i> sp.	+	+		
763	GOr 17 (2010)	<i>Neorhizobium</i> sp.	+	+		
764	GOr 18 (2010)	<i>Neorhizobium</i> sp.	+	+		
765	GOr 19 (2010)	<i>Neorhizobium</i> sp.	+	+		
766	GOr 20 (2010)	<i>Neorhizobium</i> sp.	+	+		
767	GOr 21 (2010)	<i>Neorhizobium</i> sp.	+	+		
768	GOr 22 (2010)	<i>Neorhizobium</i> sp.	+	+		
769	GOr 23 (2010)	<i>Neorhizobium</i> sp.	+	+		
770	GOr 24 (2010)	<i>Neorhizobium</i> sp.	+	+		
771	GOr 25 (2010)	<i>Neorhizobium</i> sp.	+	+		
772	GOr 26 (2010)	<i>Neorhizobium</i> sp.	+	+		
773	GOr 27 (2010)	<i>Neorhizobium</i> sp.	+	+		
774	GOr 28 (2010)	<i>Neorhizobium</i> sp.	+	+		
775	GOr 29 (2010)	<i>Neorhizobium</i> sp.	+	+		
776	GOr 30 (2010)	<i>Neorhizobium</i> sp.	+	+		
777	GOr1B	<i>Neorhizobium</i> sp.				
778	GOr2B	<i>Neorhizobium</i> sp.				
779	GOr3B	<i>Neorhizobium</i> sp.				
780	GOr3.1B	<i>Neorhizobium</i> sp.				
781	GOr3.2B	<i>Neorhizobium</i> sp.				
782	GOr3.3B	<i>Neorhizobium</i> sp.				
783	GOr15.1B	<i>Neorhizobium</i> sp.				
784	GOr15.2B	<i>Neorhizobium</i> sp.				
785	GOr 1	<i>Neorhizobium</i> sp.				
786	GOr 2	<i>Neorhizobium</i> sp.				
787	GOr 3	<i>Neorhizobium</i> sp.				
788	GOr 4	<i>Neorhizobium</i> sp.				
789	GOr 5	<i>Neorhizobium</i> sp.				
790	GOr 6	<i>Neorhizobium</i> sp.				
791	GOr 7	<i>Neorhizobium</i> sp.				
792	GOr 8	<i>Neorhizobium</i> sp.				
793	GOr 9	<i>Neorhizobium</i> sp.				
794	GOr 10	<i>Neorhizobium</i> sp.				
795	GOr 11	<i>Neorhizobium</i> sp.				
796	GOr 12	<i>Neorhizobium</i> sp.				
797	GOr 13	<i>Neorhizobium</i> sp.				
798	GOr 14	<i>Neorhizobium</i> sp.				
799	GOr 15	<i>Neorhizobium</i> sp.				
800	GOr 16	<i>Neorhizobium</i> sp.				
801	GOr 17	<i>Neorhizobium</i> sp.				
802	GOr 18	<i>Neorhizobium</i> sp.				
803	GOr 19	<i>Neorhizobium</i> sp.				
804	GOr 20	<i>Neorhizobium</i> sp.				
805	GOr 21	<i>Neorhizobium</i> sp.				
806	GOr 22	<i>Neorhizobium</i> sp.				
807	GOr 23	<i>Neorhizobium</i> sp.				
808	GOr1A	<i>Neorhizobium</i> sp.				
809	GOr2A	<i>Neorhizobium</i> sp.				
810	GOr3A	<i>Neorhizobium</i> sp.				
811	GOr4A	<i>Neorhizobium</i> sp.				
812	GOr5A	<i>Neorhizobium</i> sp.				
813	GOr6A	<i>Neorhizobium</i> sp.				
814	GOr7A	<i>Neorhizobium</i> sp.				
815	GOr8A	<i>Neorhizobium</i> sp.				
816	GOr9A	<i>Neorhizobium</i> sp.				
817	GOr10A	<i>Neorhizobium</i> sp.				
818	GOr11A	<i>Neorhizobium</i> sp.				
819	GOr12A	<i>Neorhizobium</i> sp.				

*Galega orientalis*  
(Козлятник  
восточный)

820	GOr13A	<i>Neorhizobium</i> sp.				
821	G1	<i>Neorhizobium</i> sp.	+	+		
822	G2	<i>Neorhizobium</i> sp.	+	+		
823	G3	<i>Neorhizobium</i> sp.	+	+		
824	G4	<i>Neorhizobium</i> sp.	+	+		
825	G5	<i>Neorhizobium</i> sp.	+	+		
826	G6	<i>Neorhizobium</i> sp.	+	+		
827	G7	<i>Neorhizobium</i> sp.	+	+		
828	GOr 1.3 (2019)	<i>Neorhizobium</i> sp.	+			
829	GOr 1.8 (2019)	<i>Neorhizobium</i> sp.	+			
830	GOr 2.9 (2019)	<i>Neorhizobium</i> sp.	+			
831	GOr 3.15 (2019)	<i>Neorhizobium</i> sp.	+			
832	GOr 4.5 (2019)	<i>Neorhizobium</i> sp.	+			
833	GOr 4.17 (2019)	<i>Neorhizobium</i> sp.	+			
834	GOr 5.2 (2019)	<i>Neorhizobium</i> sp.	+			
835	GOr 5.3 (2019)	<i>Neorhizobium</i> sp.	+			
836	GOr 5.8 (2019)	<i>Neorhizobium</i> sp.	+			
837	GOr 1.1 (2020)	<i>Neorhizobium</i> sp.	+			
838	GOr 1.2 (2020)	<i>Neorhizobium</i> sp.	+			
839	GOr 2.1 (2020)	<i>Neorhizobium</i> sp.	+			
840	GOr 3.1 (2020)	<i>Neorhizobium</i> sp.	+			
841	GOr 3.10 (2020)	<i>Neorhizobium</i> sp.	+			
842	GOr 2.4 (2021) Ve	<i>Neorhizobium</i> sp.	+			
843	GOr 2.7 (2021) Ve	<i>Neorhizobium</i> sp.	+			
844	GOr 3.1 (2021) Ve	<i>Neorhizobium</i> sp.	+			
845	GOr3.3 (2021) Ve	<i>Neorhizobium</i> sp.	+			
846	Gor 4.1 (2021) Ve	<i>Neorhizobium</i> sp.	+			
847	GOr 4.11 (2021) Ve	<i>Neorhizobium</i> sp.	+			
848	GOr 5.1 (2021) Ve	<i>Neorhizobium</i> sp.	+			
849	GOr 5.3 (2021) Ve	<i>Neorhizobium</i> sp.	+			
850	GOr 5.8 (2021) Ve	<i>Neorhizobium</i> sp.	+			
851	GOr 6.2 (2021) Ve	<i>Neorhizobium</i> sp.	+			
852	GOr 6.3 (2021) Ve	<i>Neorhizobium</i> sp.	+			
853	GOr 6.4 (2021) Ve	<i>Neorhizobium</i> sp.	+			
854	GOr 6.8 (2021) Ve	<i>Neorhizobium</i> sp.	+			
855	GOr 7.1 (2021) Ve	<i>Neorhizobium</i> sp.	+			
856	GOr 7.3 (2021) Ve	<i>Neorhizobium</i> sp.	+			
857	GOr 7.6 (2021) Ve	<i>Neorhizobium</i> sp.	+			
858	GOr 7.7 (2021) Ve	<i>Neorhizobium</i> sp.	+			
859	GOr 7.8 (2021) Ve	<i>Neorhizobium</i> sp.	+			
860	GOr 1.1 (2021) Le	<i>Neorhizobium</i> sp.	+			
861	GOr 1.8 (2021) Le	<i>Neorhizobium</i> sp.	+			
862	GOr 2.1 (2021) Le	<i>Neorhizobium</i> sp.	+			
863	GOr 2.10 (2021) Le	<i>Neorhizobium</i> sp.	+			
864	GOr 3.3 (2021) Le	<i>Neorhizobium</i> sp.	+			
865	GOr 3.4 (2021) Le	<i>Neorhizobium</i> sp.	+			
866	GOr 4.1 (2021) Le	<i>Neorhizobium</i> sp.	+			
867	GOr 4.2 (2021) Le	<i>Neorhizobium</i> sp.	+			
868	GOr 4.14 (2021) Le	<i>Neorhizobium</i> sp.	+			
869	GOr 5.2 (2021) Le	<i>Neorhizobium</i> sp.	+			
870	GOr 5.5 (2021) Le	<i>Neorhizobium</i> sp.	+			
871	GOr 5.9 (2021) Le	<i>Neorhizobium</i> sp.	+			
872	GOr 11.7 (2021) Os	<i>Neorhizobium</i> sp.	+			
873	GOr 11.8 (2021) Os	<i>Neorhizobium</i> sp.	+			
874	GOr 3.1 (2021) Os	<i>Neorhizobium</i> sp.	+			
875	GOr 3.8 (2021) Os	<i>Neorhizobium</i> sp.	+			
876	GOr 1.3 (2022)	<i>Neorhizobium</i> sp.	+			
877	GOr 1.7 (2022)	<i>Neorhizobium</i> sp.	+			
878	GOr 2.2 (2022)	<i>Neorhizobium</i> sp.	+			
879	GOr 2.3 (2022)	<i>Neorhizobium</i> sp.	+			
880	GOr 2.17 (2022)	<i>Neorhizobium</i> sp.	+			
881	GOr 2.20 (2022)	<i>Neorhizobium</i> sp.	+			
882	GOr 2.21 (2022)	<i>Neorhizobium</i> sp.	+			
883	GOr 2.22 (2022)	<i>Neorhizobium</i> sp.	+			
884	GOr 3.5 (2022)	<i>Neorhizobium</i> sp.	+			
885	GOr 3.8 (2022)	<i>Neorhizobium</i> sp.	+			
886	GOr 4.1 (2022)	<i>Neorhizobium</i> sp.	+			
887	GOr 4.4 (2022)	<i>Neorhizobium</i> sp.	+			
888	GOr 4.5 (2022)	<i>Neorhizobium</i> sp.	+			
889	GOr 4.6 (2022)	<i>Neorhizobium</i> sp.	+			
890	GOr 4.7 (2022)	<i>Neorhizobium</i> sp.	+			
891	GOr 4.9 (2022)	<i>Neorhizobium</i> sp.	+			
892	GOr 4.11 (2022)	<i>Neorhizobium</i> sp.	+			
893	LZh1	<i>Mesorhizobium</i> sp.	+			

894	LZh2	Mesorhizobium sp.	+			
895	LZh3	Mesorhizobium sp.	+			
896	LZh4	Mesorhizobium sp.	+			
897	LZh5	Mesorhizobium sp.	+			
898	LZh6	Mesorhizobium sp.	+			
899	LZh7	Mesorhizobium sp.	+			
900	LZh8	Mesorhizobium sp.				
901	LZh9	Mesorhizobium sp.	+			
902	LZh1 (2015)	Mesorhizobium sp.	+			
903	LZh2 (2015)	Mesorhizobium sp.	+			
904	LZh3 (2015)	Mesorhizobium sp.	+			
905	LZh4 (2015)	Mesorhizobium sp.	+			
906	LZh5 (2015)	Mesorhizobium sp.	+			
907	LZh6 (2015)	Mesorhizobium sp.	+			
908	LZh7 (2015)	Mesorhizobium sp.	+			
909	LZh8 (2015)	Mesorhizobium sp.	+			
910	LZh9 (2015)	Mesorhizobium sp.	+			
911	LZh10 (2015)	Mesorhizobium sp.	+			
912	LZh11 (2015)	Mesorhizobium sp.	+			
913	LZh12 (2015)	Mesorhizobium sp.	+			
914	LZh13 (2015)	Mesorhizobium sp.	+			
915	LZh14 (2015)	Mesorhizobium sp.	+			
916	LZh15 (2015)	Mesorhizobium sp.	+			
917	LZh16 (2015)	Mesorhizobium sp.	+			
918	LZh17 (2015)	Mesorhizobium sp.	+			
919	LZh18 (2015)	Mesorhizobium sp.	+			
920	LZh19 (2015)	Mesorhizobium sp.	+			
921	LZh20 (2015)	Mesorhizobium sp.	+			
922	LZh21 (2015)	Mesorhizobium sp.	+			
923	LZh22 (2015)	Mesorhizobium sp.	+			
924	LZh23(2015)	Mesorhizobium sp.	+			
925	LZh2 x3	Mesorhizobium sp.	+			
926	LZh2 y1	Mesorhizobium sp.	+			
927	LZh2 1	Mesorhizobium sp.	+			
928	LZh2 4	Mesorhizobium sp.	+			
929	LZh2 12	Mesorhizobium sp.	+			
930	LZh3 10	Mesorhizobium sp.	+			
931	LZh3 24	Mesorhizobium sp.	+			
932	LZh3 38	Mesorhizobium sp.	+			
933	LZh3 34	Mesorhizobium sp.	+			
934	LZh4 5	Mesorhizobium sp.	+			
935	LZh1.5 (2019)	Mesorhizobium sp.	+	+		
936	LZh1.10 (2019)	Mesorhizobium sp.	+	+		
937	LZh2.22 (2019)	Mesorhizobium sp.	+	+		
938	LZh5.12 (2019)	Mesorhizobium sp.	+	+		
939	LZh1.1 (2020) Ve	Mesorhizobium sp.	+	+		
940	LZh1.2 (2020) Ve	Mesorhizobium sp.	+	+		
941	LZh1.7 (2020) Ve	Mesorhizobium sp.	+	+		
942	LZh1.8 (2020) Ve	Mesorhizobium sp.	+	+		
943	LZh1.9 (2020) Ve	Mesorhizobium sp.	+	+		
944	LZh2.1 (2020) Ve	Mesorhizobium sp.	+	+		
945	LZh2.2 (2020) Ve	Mesorhizobium sp.	+	+		
946	LZh2.4 (2020) Ve	Mesorhizobium sp.	+	+		
947	LZh2.5 (2020) Ve	Mesorhizobium sp.	+	+		
948	LZh2.6 (2020) Ve	Mesorhizobium sp.	+	+		
949	LZh2.7 (2020) Ve	Mesorhizobium sp.	+	+		
950	LZh3.1 (2020) Ve	Mesorhizobium sp.	+	+		
951	LZh3.3 (2020) Ve	Mesorhizobium sp.	+	+		
952	LZh3.4 (2020) Ve	Mesorhizobium sp.	+	+		
953	LZh3.5 (2020) Ve	Mesorhizobium sp.	+	+		
954	LZh3.9 (2020) Ve	Mesorhizobium sp.	+	+		
955	LZh3.12 (2020) Ve	Mesorhizobium sp.	+	+		
956	LZh3.15 (2020) Ve	Mesorhizobium sp.	+	+		
957	LZh1 (2020) Ve	Mesorhizobium sp.	+	+		
958	LZh2 (2020) Ve	Mesorhizobium sp.	+	+		
959	LZh3 (2020) Ve	Mesorhizobium sp.	+	+		
960	LZh7(2020) Ve	Mesorhizobium sp.	+	+		
961	LZh10 (2020) Ve	Mesorhizobium sp.	+	+		
962	LZhA1.1 (2020) Le	Mesorhizobium sp.	+	+		
963	LZhA1.4 (2020) Le	Mesorhizobium sp.	+	+		
964	LZhA1.5 (2020) Le	Mesorhizobium sp.	+	+		
965	LZhA2.1 (2020) Le	Mesorhizobium sp.	+	+		
966	LZhA2.2 (2020) Le	Mesorhizobium sp.	+	+		
967	LZhA2.5 (2020) Le	Mesorhizobium sp.	+	+		

*Lotus zhegulensis*  
(Лядвенец  
жигулевский)

968		LZhA2.6 (2020) Le	Mesorhizobium sp.	+	+		
969		LZhA2.7 (2020) Le	Mesorhizobium sp.	+	+		
970		LZhA3.1 (2020) Le	Mesorhizobium sp.	+	+		
971		LZhA4.1 (2020) Le	Mesorhizobium sp.	+	+		
972		LZhA5.1 (2020) Le	Mesorhizobium sp.	+	+		
973		LZhA5.2 (2020) Le	Mesorhizobium sp.	+	+		
974		LZhA5.3 (2020) Le	Mesorhizobium sp.	+	+		
975		LZhA5.4 (2020) Le	Mesorhizobium sp.	+	+		
976		LZhA6.1 (2020) Le	Mesorhizobium sp.	+	+		
977		LZhA7.1 (2020) Le	Mesorhizobium sp.	+			
978		LZhA7.2 (2020) Le	Mesorhizobium sp.	+			
979		LZhB1.1 (2020) Le	Mesorhizobium sp.	+	+		
980		LZhB1.6 (2020) Le	Mesorhizobium sp.		+		
981		LZhB2.1 (2020) Le	Mesorhizobium sp.	+	+		
982		LZhB2.2 (2020) Le	Mesorhizobium sp.		+		
983		LZhB2.5 (2020) Le	Mesorhizobium sp.		+		
984		LZhB2.6 (2020) Le	Mesorhizobium sp.		+		
985		LZhB2.9 (2020) Le	Mesorhizobium sp.		+		
986		LZhB2.10 (2020) Le	Mesorhizobium sp.		+		
987		LZhB3.2 (2020) Le	Mesorhizobium sp.		+		
988		LZhB3.3 (2020) Le	Mesorhizobium sp.		+		
989		LZhB4.1 (2020) Le	Mesorhizobium sp.	+	+		
990		LZhB5.1 (2020) Le	Mesorhizobium sp.	+	+		
991		LZhB5.2 (2020) Le	Mesorhizobium sp.		+		
992		LZhB5.6 (2020) Le	Mesorhizobium sp.		+		
993		LZhB6.1 (2020) Le	Mesorhizobium sp.	+	+		
994		LZhB6.2 (2020) Le	Mesorhizobium sp.		+		
995	<b>Coronilla varia</b> (Вязель разноцветный)	CVa 2	Rhizobium sp.				
996		CVa 3	Rhizobium sp.				
997		CVa 5	Rhizobium sp.				
998		CVa 6	Rhizobium sp.				
999		CVa 6.1	Rhizobium sp.				
1000		CVa 8.2	Rhizobium sp.				
1001		CVa 9	Rhizobium sp.				
1002		CVa 12	Rhizobium sp.				
1003		CVa 14	Rhizobium sp.				
1004		CVa 15.1	Rhizobium sp.				
1005		CVa 15.2	Rhizobium sp.				
1006		CVa 16	Rhizobium sp.				
1007		CVa 37	Rhizobium sp.				
1008	<b>Termpsis schischkinii</b> (Термопсис шишкина)	TSc1	Rhizobium sp.				
1009		TSc2	Rhizobium sp.				
1010		TSc3	Rhizobium sp.				
1011		TSc4	Rhizobium sp.				
1012		TSc5	Rhizobium sp.				
1013		TSc6	Rhizobium sp.				
1014		TSc7	Rhizobium sp.				
1015		TSc8	Rhizobium sp.				
1016		TSc9	Rhizobium sp.				
1017		TSc10	Rhizobium sp.				
1018		TSc11	Rhizobium sp.				
1019		TSc12	Rhizobium sp.				
1020		TSc13	Rhizobium sp.				
1021		TSc14	Rhizobium sp.				
1022		TSc15	Rhizobium sp.				
1023		TSc16	Rhizobium sp.				
1024	<b>Genista tinctoria</b> (Дрок красильный)	GTi1	Bradyrhizobium sp.				
1025		GTi2	Bradyrhizobium sp.				
1026		GTi3	Bradyrhizobium sp.				
1027		GTi4	Bradyrhizobium sp.				
1028		GTi5	Bradyrhizobium sp.				
1029		GTi6	Bradyrhizobium sp.				
1030		GTi7	Bradyrhizobium sp.				
1031		GTi8	Bradyrhizobium sp.				
1032		GTi9	Bradyrhizobium sp.				
1033		GTi10	Bradyrhizobium sp.				
1034		GTi11	Bradyrhizobium sp.				
1035		GTi12	Bradyrhizobium sp.				
1036		GTi13	Bradyrhizobium sp.				
1037		GTi14	Bradyrhizobium sp.				
1038		GTi15	Bradyrhizobium sp.				
1039		GTi16	Bradyrhizobium sp.				
1040		GTi17	Bradyrhizobium sp.				
1041		GTi18	Bradyrhizobium sp.				

В РАБОТЕ

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В РАБОТЕ

1042		GTi19	<i>Bradyrhizobium</i> sp.					
1043		GTi20	<i>Bradyrhizobium</i> sp.					
1044	<b><i>Phaseolus vulgaris</i> (Фасоль обыкновенная)</b>	PVu1	<i>Rhizobium</i> sp.	+	+			
1045		PVu2	<i>Rhizobium</i> sp.	+	+			
1046		PVu5	<i>Rhizobium</i> sp.	+	+			
1047		PVu6	<i>Rhizobium</i> sp.	+	+			
1048		PVu7	<i>Rhizobium</i> sp.	+	+			
1049		PVu8	<i>Rhizobium</i> sp.	+	+			
1050		PVu9	<i>Rhizobium</i> sp.	+	+			
1051		PVu10	<i>Rhizobium</i> sp.	+	+			
1052		PVu11	<i>Rhizobium</i> sp.	+	+			
1053		PVu12	<i>Rhizobium</i> sp.	+	+			
1054		<b><i>Ononis arvensis</i> (Стальник полевой)</b>	OAr 3 (2018)	<i>Mesorhizobium</i> sp.	+			
1055			OAr 5 (2018)	<i>Mesorhizobium</i> sp.	+			
1056	OAr 11 (2018)		<i>Mesorhizobium</i> sp.	+				
1057	OAr 15 (2018)		<i>Mesorhizobium</i> sp.	+				
1058	OAr 18 (2018)		<i>Mesorhizobium</i> sp.	+				
1059	OAr 20 (2018)		<i>Mesorhizobium</i> sp.	+				
1060	OAr 2.4		<i>Mesorhizobium</i> sp.					
1061	OAr 2.5		<i>Mesorhizobium</i> sp.					
1062	OAr 2.6		<i>Mesorhizobium</i> sp.					
1063	OAr 3		<i>Mesorhizobium</i> sp.	+				
1064	OAr 16		<i>Mesorhizobium</i> sp.	+	+			
1065	OAr 21		<i>Mesorhizobium</i> sp.	+	+			
1066	OAr 22		<i>Mesorhizobium</i> sp.	+	+			
1067	OAr 23		<i>Mesorhizobium</i> sp.	+				
1068	OAr 25		<i>Mesorhizobium</i> sp.	+				
1069	OAr 28	<i>Mesorhizobium</i> sp.	+					
1070	<b><i>Melilotus albus</i> (Донник белый)</b>	MAI1(2004)	<i>Sinorhizobium</i> sp.					
1071		MAI2(2004)	<i>Sinorhizobium</i> sp.					
1072		MAI3(2004)	<i>Sinorhizobium</i> sp.					
1073		MAI6(2004)	<i>Sinorhizobium</i> sp.					
1074		MAI7(2004)	<i>Sinorhizobium</i> sp.					
1075		MAI8(2004)	<i>Sinorhizobium</i> sp.					
1076		MAI9(2004)	<i>Sinorhizobium</i> sp.					
1077		MAI10(2004)	<i>Sinorhizobium</i> sp.					
1078		MAI11(2004)	<i>Sinorhizobium</i> sp.					
1079		MAI12(2004)	<i>Sinorhizobium</i> sp.					
1080		MAI14(2004)	<i>Sinorhizobium</i> sp.					
1081		MAI15(2004)	<i>Sinorhizobium</i> sp.					
1082		MAI16(2004)	<i>Sinorhizobium</i> sp.					
1083		MAI17(2004)	<i>Sinorhizobium</i> sp.					
1084		MAI18(2004)	<i>Sinorhizobium</i> sp.					
1085		MAI1(2005)	<i>Sinorhizobium</i> sp.					
1086		MAI2(2005)	<i>Sinorhizobium</i> sp.					
1087		MAI3(2005)	<i>Sinorhizobium</i> sp.					
1088		MAI4(2005)	<i>Sinorhizobium</i> sp.					
1089		MAI5(2005)	<i>Sinorhizobium</i> sp.					
1090		MAI6(2005)	<i>Sinorhizobium</i> sp.					
1091		MAI7(2005)	<i>Sinorhizobium</i> sp.					
1092		MAI8(2005)	<i>Sinorhizobium</i> sp.					
1093		MAI9(2005)	<i>Sinorhizobium</i> sp.					
1094		MAI10(2005)	<i>Sinorhizobium</i> sp.					
1095		MAI11(2005)	<i>Sinorhizobium</i> sp.					
1096		MAI12(2005)	<i>Sinorhizobium</i> sp.					
1097		MAI13(2005)	<i>Sinorhizobium</i> sp.					
1098		MAI14(2005)	<i>Sinorhizobium</i> sp.					
1099		MAI15(2005)	<i>Sinorhizobium</i> sp.					
1100	MAI16(2005)	<i>Sinorhizobium</i> sp.						
1101	MAI17(2005)	<i>Sinorhizobium</i> sp.						
1102	MAI18(2005)	<i>Sinorhizobium</i> sp.						
1103	MAI19(2005)	<i>Sinorhizobium</i> sp.						
1104	<b><i>Melilotus officinalis</i></b>	MOF1(2005)	<i>Sinorhizobium</i> sp.					
1105		MOF2(2005)	<i>Sinorhizobium</i> sp.					
1106		MOF3(2005)	<i>Sinorhizobium</i> sp.					
1107		MOF4(2005)	<i>Sinorhizobium</i> sp.					
1108		MOF5(2005)	<i>Sinorhizobium</i> sp.					
1109		MOF6(2005)	<i>Sinorhizobium</i> sp.					
1110		MOF7(2005)	<i>Sinorhizobium</i> sp.					
1111		MOF8(2005)	<i>Sinorhizobium</i> sp.					
1112		MOF9(2005)	<i>Sinorhizobium</i> sp.					
1113		MOF10(2005)	<i>Sinorhizobium</i> sp.					
1114		MOF11(2005)	<i>Sinorhizobium</i> sp.					
1115		MOF12(2005)	<i>Sinorhizobium</i> sp.					

В РАБОТЕ

В РАБОТЕ

1116	<i>(Донник желтый)</i>	MOF13(2005)	<i>Sinorhizobium</i> sp.						D FABOUE	
1117		MOF14(2005)	<i>Sinorhizobium</i> sp.							
1118		MOF15(2005)	<i>Sinorhizobium</i> sp.							
1119		MOF16(2005)	<i>Sinorhizobium</i> sp.							
1120		MOF17(2005)	<i>Sinorhizobium</i> sp.							
1121		MOF18(2005)	<i>Sinorhizobium</i> sp.							
1122		MOF19(2005)	<i>Sinorhizobium</i> sp.							
1123		MOF20(2005)	<i>Sinorhizobium</i> sp.							
1124		MOF1	<i>Sinorhizobium</i> sp.		+	+				
1125		MOF2	<i>Sinorhizobium</i> sp.			+				
1126		MOF3	<i>Sinorhizobium</i> sp.		+	+				
1127		MOF4	<i>Sinorhizobium</i> sp.		+	+				
1128		<i>Trifolium pratense</i> <i>(Клевер луговой)</i>	TPr1(2005)	<i>Rhizobium</i> sp.						
1129			TPr2(2005)	<i>Rhizobium</i> sp.						
1130	TPr3(2005)		<i>Rhizobium</i> sp.							
1131	TPr4(2005)		<i>Rhizobium</i> sp.							
1132	TPr5(2005)		<i>Rhizobium</i> sp.							
1133	TPr6(2005)		<i>Rhizobium</i> sp.							
1134	TPr7(2005)		<i>Rhizobium</i> sp.							
1135	TPr8(2005)		<i>Rhizobium</i> sp.							
1136	TPr9(2005)		<i>Rhizobium</i> sp.							
1137	TPr10(2005)		<i>Rhizobium</i> sp.							
1138	TPr11(2005)		<i>Rhizobium</i> sp.							
1139	TPr12(2005)		<i>Rhizobium</i> sp.							
1140	TPr1(2004)		<i>Rhizobium</i> sp.							
1141	TPr2(2004)		<i>Rhizobium</i> sp.							
1142	TPr3(2004)		<i>Rhizobium</i> sp.							
1143	TPr4(2004)		<i>Rhizobium</i> sp.							
1144	TPr5(2004)		<i>Rhizobium</i> sp.							
1145	TPr6(2004)		<i>Rhizobium</i> sp.							
1146	TPr7(2004)		<i>Rhizobium</i> sp.							
1147	TPr8(2004)		<i>Rhizobium</i> sp.							
1148	TPr1		<i>Rhizobium</i> sp.		+	+				
1149	TPr2		<i>Rhizobium</i> sp.		+	+				
1150	TPr3		<i>Rhizobium</i> sp.		+	+				
1151	TPr4		<i>Rhizobium</i> sp.		+	+				
1152	TPr5		<i>Rhizobium</i> sp.		+	+				
1153	TPr6		<i>Rhizobium</i> sp.		+	+				
1154	TPr7		<i>Rhizobium</i> sp.		+	+				
1155	TPr8		<i>Rhizobium</i> sp.		+	+				
1156	TPr9		<i>Rhizobium</i> sp.		+	+				
1157	TPr10		<i>Rhizobium</i> sp.		+	+				
1158	TPr11		<i>Rhizobium</i> sp.		+	+				
1159	TPr12		<i>Rhizobium</i> sp.		+	+				
1160	<i>Trifolium repens</i> <i>(Клевер белый)</i>		TRe1(2005)	<i>Rhizobium</i> sp.		+				
1161			TRe2(2005)	<i>Rhizobium</i> sp.		+				
1162			TRe3(2005)	<i>Rhizobium</i> sp.		+				
1163			TRe4(2005)	<i>Rhizobium</i> sp.		+				
1164			TRe5(2005)	<i>Rhizobium</i> sp.						
1165			TRe6(2005)	<i>Rhizobium</i> sp.						
1166			TRe7(2005)	<i>Rhizobium</i> sp.						
1167			TRe8(2005)	<i>Rhizobium</i> sp.						
1168			TRe10(2005)	<i>Rhizobium</i> sp.						
1169			TRe11(2005)	<i>Rhizobium</i> sp.						
1170		TRe13(2005)	<i>Rhizobium</i> sp.							
1171		TRe14(2005)	<i>Rhizobium</i> sp.							
1172		TRe15(2005)	<i>Rhizobium</i> sp.							
1173		TRe16(2005)	<i>Rhizobium</i> sp.							
1174		TRe17(2005)	<i>Rhizobium</i> sp.							
1175		TRe18(2005)	<i>Rhizobium</i> sp.							
1176		TRe19(2005)	<i>Rhizobium</i> sp.							
1177		TRe20(2005)	<i>Rhizobium</i> sp.							
1178		TRe21(2005)	<i>Rhizobium</i> sp.							
1179		TRe1	<i>Rhizobium</i> sp.		+	+				
1180		TRe2	<i>Rhizobium</i> sp.		+	+				
1181		TRe3	<i>Rhizobium</i> sp.		+	+				
1182		TRe4	<i>Rhizobium</i> sp.		+	+				
1183		TRe5	<i>Rhizobium</i> sp.		+	+				
1184		TRe6	<i>Rhizobium</i> sp.		+	+				
1185		TRe7	<i>Rhizobium</i> sp.		+	+				
1186		TRe8	<i>Rhizobium</i> sp.		+	+				
1187		TRe9	<i>Rhizobium</i> sp.		+	+				
1188		TRe10	<i>Rhizobium</i> sp.		+	+				
1189		TRe11	<i>Rhizobium</i> sp.		+	+				

1190		TRe12	<i>Rhizobium</i> sp.	+	+			
1191		TRe13	<i>Rhizobium</i> sp.	+	+			
1192		TRe14	<i>Rhizobium</i> sp.	+	+			
1193		TRe15	<i>Rhizobium</i> sp.	+	+			
1194	<i>Trifolium montanum</i> (Клевер горный)	TMo1	<i>Rhizobium</i> sp.					В РАБОТЕ
1195		TMo2	<i>Rhizobium</i> sp.					
1196		TMo3	<i>Rhizobium</i> sp.					
1197		TMo4	<i>Rhizobium</i> sp.					
1198		TMo5	<i>Rhizobium</i> sp.					
1199		TMo6	<i>Rhizobium</i> sp.					
1200		TMo7	<i>Rhizobium</i> sp.					
1201		TMo8	<i>Rhizobium</i> sp.					
1202	<i>Trifolium lupinaster</i> (Клевер люпиновидный)	TLu1	<i>Rhizobium</i> sp.	+				
1203		TLu2	<i>Rhizobium</i> sp.	+				
1204		TLu3	<i>Rhizobium</i> sp.	+				
1205		TLu4	<i>Rhizobium</i> sp.	+				
1206		TLu5	<i>Rhizobium</i> sp.					
1207		TLu6	<i>Rhizobium</i> sp.	+				
1208		TLu7	<i>Rhizobium</i> sp.	+				
1209		TLu8	<i>Rhizobium</i> sp.	+				
1210		TLu9	<i>Rhizobium</i> sp.	+				
1211		TLu11	<i>Rhizobium</i> sp.	+				
1212		TLu12	<i>Rhizobium</i> sp.	+				
1213		TLu13	<i>Rhizobium</i> sp.	+				
1214		TLu14	<i>Rhizobium</i> sp.	+				
1215		<i>Trifolium medium</i> (Клевер средний)	TMe 1	<i>Rhizobium</i> sp.	+	+		
1216	TMe 2		<i>Rhizobium</i> sp.	+	+			
1217	TMe 3		<i>Rhizobium</i> sp.	+	+			
1218	TMe 4		<i>Rhizobium</i> sp.	+	+			
1219	TMe 5		<i>Rhizobium</i> sp.	+	+			
1220	TMe 6		<i>Rhizobium</i> sp.	+	+			
1221	TMe 7		<i>Rhizobium</i> sp.	+	+			
1222	TMe 8		<i>Rhizobium</i> sp.	+	+			
1223	TMe 9		<i>Rhizobium</i> sp.	+	+			
1224	TMe 10		<i>Rhizobium</i> sp.	+	+			
1225	TMe 11		<i>Rhizobium</i> sp.	+	+			
1226	THy1	<i>Rhizobium</i> sp.	+	+				
1227		THy2	<i>Rhizobium</i> sp.	+	+			
1228		THy3	<i>Rhizobium</i> sp.	+	+			
1229		THy4	<i>Rhizobium</i> sp.	+	+			
1230		THy5	<i>Rhizobium</i> sp.	+	+			
1231		THy6	<i>Rhizobium</i> sp.	+	+			
1232		THy7	<i>Rhizobium</i> sp.	+	+			
1233		THy1.1	<i>Rhizobium</i> sp.	+	+			
1234		THy1.2	<i>Rhizobium</i> sp.	+	+			
1235		THy1.3	<i>Rhizobium</i> sp.	+				
1236		THy1.5	<i>Rhizobium</i> sp.	+				
1237		THy1.6	<i>Rhizobium</i> sp.	+	+			
1238		THy1.7	<i>Rhizobium</i> sp.	+				
1239		THy1.8	<i>Rhizobium</i> sp.	+				
1240		THy1.12	<i>Rhizobium</i> sp.	+				
1241		THy1.15	<i>Rhizobium</i> sp.	+				
1242		THy1.19	<i>Rhizobium</i> sp.	+	+			
1243		THy1.24	<i>Rhizobium</i> sp.	+				
1244		THy1.26	<i>Rhizobium</i> sp.	+	+			
1245		THy2.2	<i>Rhizobium</i> sp.	+				
1246		THy2.4	<i>Rhizobium</i> sp.	+	+			
1247		THy2.5	<i>Rhizobium</i> sp.	+	+			
1248		THy2.8	<i>Rhizobium</i> sp.	+	+			
1249		THy2.9	<i>Rhizobium</i> sp.	+	+			
1250		THy2.13	<i>Rhizobium</i> sp.	+	+			
1251		THy2.14	<i>Rhizobium</i> sp.	+	+			
1252		THy3.2	<i>Rhizobium</i> sp.	+	+			
1253		THy3.3	<i>Rhizobium</i> sp.	+	+			
1254		THy3.5	<i>Rhizobium</i> sp.	+				
1255		THy3.8	<i>Rhizobium</i> sp.	+	+			
1256		THy3.10	<i>Rhizobium</i> sp.	+	+			
1257		THy3.13	<i>Rhizobium</i> sp.	+				
1258		THy4.4	<i>Rhizobium</i> sp.	+	+			
1259	THy4.5	<i>Rhizobium</i> sp.	+	+				
1260	THy5.2	<i>Rhizobium</i> sp.	+	+				
1261	THy5.4	<i>Rhizobium</i> sp.	+					
1262	THy5.10	<i>Rhizobium</i> sp.	+					
1263	THy5.11	<i>Rhizobium</i> sp.	+	+				

1264	THy5.12	<i>Rhizobium</i> sp.	+	+			
1265	THya1	<i>Rhizobium</i> sp.	+				
1266	THya3	<i>Rhizobium</i> sp.	+				
1267	THya4	<i>Rhizobium</i> sp.	+				
1268	THya5	<i>Rhizobium</i> sp.	+				
1269	THya10	<i>Rhizobium</i> sp.	+				
1270	THya11	<i>Rhizobium</i> sp.	+				
1271	THya13	<i>Rhizobium</i> sp.	+				
1272	THya16	<i>Rhizobium</i> sp.	+				
1273	THyb6	<i>Rhizobium</i> sp.	+				
1274	THyb10	<i>Rhizobium</i> sp.	+				
1275	THyb12	<i>Rhizobium</i> sp.	+				
1276	THyc1	<i>Rhizobium</i> sp.	+				
1277	THyc2	<i>Rhizobium</i> sp.	+				
1278	THyc4	<i>Rhizobium</i> sp.	+				
1279	THyc6	<i>Rhizobium</i> sp.	+				
1280	THyc7	<i>Rhizobium</i> sp.	+				
1281	THyc9	<i>Rhizobium</i> sp.	+				
1282	THyc14	<i>Rhizobium</i> sp.	+				
1283	THyA1.2	<i>Rhizobium</i> sp.	+	+			
1284	THyA1.5	<i>Rhizobium</i> sp.	+	+			
1285	THyA2.1	<i>Rhizobium</i> sp.	+	+			
1286	THyA2.4	<i>Rhizobium</i> sp.	+	+			
1287	THyA2.5	<i>Rhizobium</i> sp.	+				
1288	THyA2.6	<i>Rhizobium</i> sp.	+	+			
1289	THyA2.7	<i>Rhizobium</i> sp.	+	+			
1290	THyA2.8	<i>Rhizobium</i> sp.	+				
1291	THyA3.2	<i>Rhizobium</i> sp.	+	+			
1292	THyA3.3	<i>Rhizobium</i> sp.	+	+			
1293	THyA4.1	<i>Rhizobium</i> sp.	+	+			
1294	THyA4.3	<i>Rhizobium</i> sp.	+				
1295	THyA4.6	<i>Rhizobium</i> sp.	+	+			
1296	THyA5.2	<i>Rhizobium</i> sp.		+			
1297	THyA5.4	<i>Rhizobium</i> sp.	+	+			
1298	THyA5.14	<i>Rhizobium</i> sp.		+			
1299	THyA6.1	<i>Rhizobium</i> sp.	+	+			
1300	THyA6.10	<i>Rhizobium</i> sp.	+				
1301	THyA6.11	<i>Rhizobium</i> sp.	+	+			
1302	THyA6.12	<i>Rhizobium</i> sp.	+	+			
1303	THyB1.1	<i>Rhizobium</i> sp.	+	+			
1304	THyB3.2	<i>Rhizobium</i> sp.	+	+			
1305	THyB4.1	<i>Rhizobium</i> sp.	+				
1306	THyB4.5	<i>Rhizobium</i> sp.	+				
1307	THyB5.5	<i>Rhizobium</i> sp.	+	+			
1308	THyB5.7	<i>Rhizobium</i> sp.	+				
1309	THyB6.3	<i>Rhizobium</i> sp.		+			
1310	THyB7.1	<i>Rhizobium</i> sp.	+	+			
1311	THyB7.9	<i>Rhizobium</i> sp.		+			
1312	THyC1.1	<i>Rhizobium</i> sp.	+				
1313	THyC1.3	<i>Rhizobium</i> sp.	+	+			
1314	THyC1.4	<i>Rhizobium</i> sp.	+	+			
1315	THyC1.6	<i>Rhizobium</i> sp.	+				
1316	THyC2.2	<i>Rhizobium</i> sp.	+				
1317	THyC2.3	<i>Rhizobium</i> sp.	+				
1318	THyC2.12	<i>Rhizobium</i> sp.	+				
1319	THyC2.13	<i>Rhizobium</i> sp.	+				
1320	THyC3.1	<i>Rhizobium</i> sp.		+			
1321	THyC3.2	<i>Rhizobium</i> sp.		+			
1322	THyC3.5	<i>Rhizobium</i> sp.	+	+			
1323	THyC5.4	<i>Rhizobium</i> sp.		+			
1324	THyC5.5	<i>Rhizobium</i> sp.	+	+			
1325	THyC5.7	<i>Rhizobium</i> sp.	+	+			
1326	THyC5.14	<i>Rhizobium</i> sp.	+				
1327	THyC6.4	<i>Rhizobium</i> sp.	+				
1328	THyC6.6	<i>Rhizobium</i> sp.		+			
1329	THyC6.15	<i>Rhizobium</i> sp.		+			
1330	THy2	<i>Rhizobium</i> sp.	+				
1331	THy3	<i>Rhizobium</i> sp.	+				
1332	Thyg	<i>Rhizobium</i> sp.	+				
1333	THy9a	<i>Rhizobium</i> sp.	+				
1334	THyb4	<i>Rhizobium</i> sp.	+				
1335	THyv1	<i>Rhizobium</i> sp.	+				
1336	THyg5	<i>Rhizobium</i> sp.	+				

*Trifolium hybridum*  
(Клевер розовый)