



TEACHING STRAINS

The following list provides suggestions of microorganisms suitable for teaching purposes in higher educational institutions. Offered strains belong to risk group 1.

No	Species name	NBIMCC No.
Bacteria		
1.	<i>Acetobacter aceti</i>	8850 T*
2.	<i>Azotobacter vinelandii</i>	1619
3.	<i>Bacillus megaterium</i>	8947
4.	<i>Bacillus subtilis</i> subsp. <i>subtilis</i>	2353 T
5.	<i>Bacillus subtilis</i> subsp. <i>spizizenii</i>	1709
6.	<i>Bacillus thuringiensis</i>	7
7.	<i>Bifidobacterium longum</i> subsp. <i>longum</i>	8821 T
8.	<i>Escherichia coli</i>	8432
9.	<i>Escherichia coli</i>	1611
10.	<i>Geobacillus stearothermophilus</i>	2282 T
11.	<i>Kocuria rhizophila</i>	159
12.	<i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i>	1132 T
13.	<i>Lactobacillus plantarum</i>	3447 T
14.	<i>Lactobacillus brevis</i>	3448 T
15.	<i>Lactococcus lactis</i> subsp. <i>lactis</i>	4000 T
16.	<i>Leuconostoc mesenteroides</i> subsp. <i>mesenteroides</i>	3455 T
17.	<i>Micrococcus luteus</i>	8934 T

18.	<i>Pseudomonas fluorescens</i>	8758 T
19.	<i>Streptococcus salivarius</i> subsp. <i>thermophilus</i>	3916 T
Actinomycetes		
20.	<i>Rhodococcus rhodochrous</i>	1359
21.	<i>Streptomyces griseus</i>	2442 T
22.	<i>Streptomyces purpurascens</i>	1155 T
23.	<i>Streptomyces viridochromogenes</i>	3327 T
Yeasts		
24.	<i>Lidnera jadinii</i> (<i>Candida utilis</i>)	601
25.	<i>Rhodotorula mucilaginosa</i>	2071
26.	<i>Saccharomyces cerevisiae</i>	537 T
Fungi		
27.	<i>Aspergillus nidulans</i> ** (<i>Emericella nidulans</i>)	116
28.	<i>Fusarium graminearum</i> (<i>Gibberella zeae</i>)	2294
29.	<i>Penicillium chrysogenum</i> **	129
30.	<i>Rhizopus stolonifer</i> (<i>Rhizopus nigricans</i>)	130

* T – type strain

**Possible risk of allergy (asthma) when inhaling a large amount of spores; work is recommended before the sporulation stage.

More detailed information on the teaching strains can be found at:

http://www.nbimcc.org/cat/nbimcc_catalogue.html