

**S3 Table. Activity of cell-wall bound and freely-released enzymes produced by genera *Luteibacter*, *Pseudomonas* and *Arthrobacter* isolated from the root endosphere or the rhizosphere of *Quercus* spp. trees.** Data represent means and standard deviations of activities of those enzymes produced by two or more strains. A '-' indicates values below detection limit. An '\*' indicates values that were recorded just for one strain, the one which is shown in parentheses. Abbreviations of enzymes: **bG**:  $\beta$ -glucosidase; **Pho**: acid phosphatase; **Lip**: lipase; **bM**:  $\beta$ -mannosidase; **aA**:  $\alpha$ -arabinosidase; **bX**:  $\beta$ -xylosidase; **bGal**:  $\beta$ -galactosidase; **CBH**: cellobiohydrolase; **aG**:  $\alpha$ -glucosidase; **ChTN**: chitinase; **aGal**:  $\alpha$ -galactosidase; **bGlu**:  $\beta$ -glucuronidase. For each bacterial genus, significant differences between the activity of those enzymes detected in both fractions were calculated by using the non-parametric Mann-Whitney U test at a confidence level of 95%.

	Activity (nM min <sup>-1</sup> mL <sup>-1</sup> )								
	<i>Luteibacter</i>			<i>Pseudomonas</i>			<i>Arthrobacter</i>		
	Bound	Free	P value	Bound	Free	P value	Bound	Free	P value
<b>bG</b>	4152 ± 250	17 ± 9	0.028	203 ± 297	104 ± 95	0.216	18* (AFG15.2)	32 ± 16	
<b>Pho</b>	5240 ± 364	128 ± 58	7.05·10 <sup>-7</sup>	2729 ± 2105	1172 ± 1300	7.86·10 <sup>-6</sup>	57 ± 75	22 ± 8	0.490
<b>Lip</b>	5415 ± 343	3134 ± 468	7.05·10 <sup>-7</sup>	5451 ± 907	3287 ± 1235	8.96·10 <sup>-12</sup>	308 ± 325	316 ± 300	0.977
<b>bM</b>	874 ± 149	10* (L50)		12* (p23)	42 ± 44		-	-	
<b>aA</b>	26 ± 6	-		-	44 ± 68		14 ± 1	-	
<b>bX</b>	104 ± 14	-		30 ± 12	43 ± 46	0.896	11* (AFG15.2)	28* (AFG7.2)	
<b>bGal</b>	1163 ± 195	-		-	42 ± 54		188 ± 151	73 ± 87	0.105
<b>CBH</b>	130 ± 24	-		30* (p23)	44 ± 47		-	-	
<b>aG</b>	594 ± 230	-		10* (p20)	39 ± 44		-	66 ± 99	
<b>ChTN</b>	11 ± 1	-		-	44 ± 52		63 ± 8	13* (AFG22)	
<b>aGal</b>	587 ± 92	-		-	124 ± 243		-	15 ± 4	
<b>bGlu</b>	-	-		-	41 ± 41		-	87 ± 154	