

**Table 2.** The effect of range of temperatures on the enzymatic activity of the 5 highest lipase producers of *Aspergillus sp.* Isolates:

Temperature	Lipase activity (U/ml) ±S.D	Dry weight (g/flask) ±S.D	Diameter (cm) ±S.D
<b>15 °C</b>			
<i>A. niger</i> MH111398	49.74 ± 2.35	0.708 ± 0.041	2.4 ± 0.1
<i>A. niger</i> MH111400	19.74 ± 4.44	0.442 ± 0.077	2.6 ± 0.1
<i>A. niger</i> MH078565	89.23 ± 21.54	0.438 ± 0.044	2.2 ± 0.1
<i>A. niger</i> MH078571	121.79 ± 16.18	0.572 ± 0.168	2.53 ± 0.058
<i>A. niger</i> MH079049	24.87 ± 8.92	0.42 ± 0.159	2.06 ± 0.058
<b>20 °C</b>			
<i>A. niger</i> MH111398	155.64 ± 10.04	0.466 ± 0.033	2.13 ± 0.153
<i>A. niger</i> MH111400	187.18 ± 6.89	0.365 ± 0.123	2.1 ± 0.1
<i>A. niger</i> MH078565	214.87 ± 6.22	0.47 ± 0.085	2.26 ± 0.252
<i>A. niger</i> MH078571	277.44 ± 4.51	0.50 ± 0.015	2.23 ± 0.208
<i>A. niger</i> MH079049	247.95 ± 14.94	0.460 ± 0.125	2.2 ± 0.1
<b>25 °C</b>			
<i>A. niger</i> MH111398	324.3 ± 3.87	0.41 ± 0.058	5.4 ± 0.625
<i>A. niger</i> MH111400	261.79 ± 6.72	0.412 ± 0.042	5.53 ± 0.115
<i>A. niger</i> MH078565	276.41 ± 5.12	0.291 ± 0.023	5.5 ± 0.1
<i>A. niger</i> MH078571	386.15 ± 9.61	0.63 ± 0.047	5.93 ± 0.493
<i>A. niger</i> MH079049	402.31 ± 3.53	0. ± 0.026	4.77 ± 0.153
<b>30 °C</b>			
<i>A. niger</i> MH111398	334.36 ± 6.72	0.323 ± 0.099	5.1 ± 0.1
<i>A. niger</i> MH111400	329.49 ± 6.72	0.354 ± 0.062	5.97 ± 0.058
<i>A. niger</i> MH078565	407.436 ± 8.58	0.306 ± 0.164	5.23 ± 0.252
<i>A. niger</i> MH078571	445.39 ± 8.32	0.33 ± 0.084	5.93 ± 0.153
<i>A. niger</i> MH079049	445.9 ± 6.45	0.34 ± 0.057	5.5 ± 0.1
<b>35 °C</b>			
<i>A. niger</i> MH111398	409.49 ± 3.47	0.29 ± 0.047	4.4 ± 0.794
<i>A. niger</i> MH111400	421.03 ± 20.39	0.384 ± 0.023	6.1 ± 0.2
<i>A. niger</i> MH078565	436.92 ± 3.35	0.3272 ± 0.044	5.86 ± 0.306
<i>A. niger</i> MH078571	487.44 ± 13.08	0.375 ± 0.082	4.3 ± 0.608

<i>A. niger</i> MH079049	500.77 ±9.33	0.288 ±0.033	4.7 ±0.2
<b>40 °C</b>			
<i>A. niger</i> MH111398.1	490.77 ±11.49	0.095 ±0.073	4.33 ±0.723
<i>A. niger</i> MH111400.1	470.51 ±11.95	0.225 ±0.055	3.73 ±0.153
<i>A. niger</i> MH078565.1	480.77 ±10.41	0.166 ±0.026	3.6 ±0.100
<i>A. niger</i> MH078571.1	575.9 ±9.56	0.292 ±0.030	3.6 ±0.794
<i>A. niger</i> MH079049.1	569.23 ±6.30	0.224 ±0.057	2.77±0.208
<b>45 °C</b>			
<i>A. niger</i> MH078571.1	403.3 ±4.24	0.097 ±0.059	–
<i>A. niger</i> MH079049.1	524.87 ±6.94	0.090 ±0.090	–

\* Results are averages of three replicates