

Supplementary table 2. *Alternaria* strains isolated from 36 wheat kernel samples collected from five Lebanese geographical areas, during 2018 crop season. Based on morphological and genetic analyses, the strains selected were identified as belonging to Pseudoalternaria, *Alternaria*, Infectoriae, Ulocladioides, and Chalastospora Sections.

	Alternaria					Strains code			
	Colonies		Single-spored strains						
	Site #	Recovered colonies	Pure colonies	Strains stored	Strains selected				
Central Bekaa	w-01	46	19	6	3	Altern-1371	Altern-1372	Altern-1490	
	w-02	4	3	2	1	Altern-1477			
	w-03	64	12	5	2	Altern-1373	Altern-1473		
	w-04	19	9	4	2	Altern-1374	Altern-1474		
	w-05	48	17	5	2	Altern-1375	Altern-1485		
	w-06	41	19	5	3	Altern-1376	Altern-1487	Altern-1492	
	w-07	19	7	3	1	Altern-1377			
	w-08	5	3	2	1	Altern-1378			
	w-09	1	1	1	1	Altern-1379			
	w-10	9	8	3	3	Altern-1380	Altern-1475	Altern-1479	
Total	256	98	36	19					
West Bekaa	w-14	62	18	5	2	Altern-1383	Altern-1384		
	w-15	57	20	5	2	Altern-1386	Altern-1478		
	w-16	36	10	5	2	Altern-1387	Altern-1388		
	w-17	59	14	5	2	Altern-1389	Altern-1390		
	w-18	66	24	5	3	Altern-1391	Altern-1481	Altern-1482	
	w-19	65	20	5	3	Altern-1392	Altern-1393	Altern-1484	
	w-20	60	13	5	2	Altern-1394	Altern-1395		
	w-21	60	16	5	3	Altern-1396	Altern-1397	Altern-1486	
	w-22	37	16	5	1	Altern-1398			
	w-23	76	16	5	1	Altern-1399			
	w-24	84	15	6	2	Altern-1400	Altern-1489		
	w-25	46	14	5	2	Altern-1401	Altern-1402		
	Total	708	196	61	25				
Baalbeck	w-26	1	1	1	1	Altern-1403			
	w-27	0	0	0	0				
	w-11	3	5	1	1	Altern-1381			
	w-12	4	5	2	1	Altern-1382			
	w-13	3	3	2	0				
Total	11	14	6	3					
Marjeyoun	w-28	49	16	5	2	Altern-1493	Altern-1494		
	w-29	45	14	5	3	Altern-1405	Altern-1406	Altern-1495	
	w-30	9	6	3	2	Altern-1497	Altern-1498		
	w-31	48	7	5	2	Altern-1476	Altern-1500		
	w-32	48	8	5	3	Altern-1408	Altern-1409	Altern-1501	
Total	199	51	23	12					
Aakar	w-33	64	12	6	4	Altern-1410	Altern-1411	Altern-1412	Altern-1502
	w-34	46	7	5	3	Altern-1413	Altern-1415	Altern-1504	
	w-35	64	12	8	4	Altern-1416	Altern-1417	Altern-1418	Altern-1505
	w-36	47	12	7	5	Altern-1419	Altern-1420	Altern-1506	Altern-1507
Total	221	43	26	16					

Legend of strains color:	
	Stemphylium
	Pseudoalternaria
	<i>Alternaria</i>
	Infectoriae
	Ulocladioides
	Chalastospora