

**Table S1. *Cercospora beticola* isolates from China used in this study**

Sample	Code	Host	Date	Location	Description
1	66-ABT	<i>B. vulgaris</i>	2019	Inner	Isolates with normal phenotype collected from Inner Mongolia Autonomous Region in 2019 (Supplementary Materials Figure S1 Type I)
	65-ABT	<i>B. vulgaris</i>	2019	Mongolia	
	67-ABT	<i>B. vulgaris</i>	2019	Autonomous	
	YBS-7	<i>B. vulgaris</i>	2019	Region	
	YBS-5	<i>B. vulgaris</i>	2019		
	61-SDY22	<i>B. vulgaris</i>	2019		
	43-H809	<i>B. vulgaris</i>	2019		
	40-H809	<i>B. vulgaris</i>	2019		
	55-H004	<i>B. vulgaris</i>	2019		
2	CF0901-7	<i>B. vulgaris</i>	2020	Inner	Colonies with normal phenotype. (Supplementary Materials Figure S1 Type II)
	CF0901-6	<i>B. vulgaris</i>	2020	Mongolia	
	CF0901-35	<i>B. vulgaris</i>	2020	Autonomous	
	CF0901-38	<i>B. vulgaris</i>	2020	Region	
	CF0901-61	<i>B. vulgaris</i>	2020		
	CF0901-57	<i>B. vulgaris</i>	2020		
	CF0901-49	<i>B. vulgaris</i>	2020		
	CF0901-51	<i>B. vulgaris</i>	2020		
	CF0901-52	<i>B. vulgaris</i>	2020		
	XAM0819-1	<i>B. vulgaris</i>	2020		
	WLCB0811-19	<i>B. vulgaris</i>	2020		
	WLCB0807-1	<i>B. vulgaris</i>	2020		
	WLCB0807-13	<i>B. vulgaris</i>	2020		
	YA0807-18	<i>B. vulgaris</i>	2020	Heilongjiang	
	YA0807-16	<i>B. vulgaris</i>	2020	Province	
	HEB-14	<i>B. vulgaris</i>	2020		
	HEB-39	<i>B. vulgaris</i>	2020		
	HEB-22	<i>B. vulgaris</i>	2020		
	YL1002-100	<i>B. vulgaris</i>	2020	Xinjiang	
	YL1002-15	<i>B. vulgaris</i>	2020	Uygur	
	YL1002-143	<i>B. vulgaris</i>	2020	Autonomous	
	YL1002-191	<i>B. vulgaris</i>	2020	Region of	
	XJYL-28	<i>B. vulgaris</i>	2020	China	
3	JN-38	<i>B. vulgaris</i>	2020	Inner	The edge of colonies is fanned out. (Supplementary Materials Figure S1 Type III)
	CF0901-31	<i>B. vulgaris</i>	2020	Mongolia	
	CF1019SY-69	<i>B. vulgaris</i>	2020	Autonomous	
	CF1017SY-75	<i>B. vulgaris</i>	2020	Region	
	CF1016SC-85	<i>B. vulgaris</i>	2020		
	CF1017SC-84	<i>B. vulgaris</i>	2020		
	CF1008-44	<i>B. vulgaris</i>	2020		

	WLCB0811-18	<i>B. vulgaris</i>	2020	Xinjiang Uygur Autonomous Region of China	
	WLCB0811-5	<i>B. vulgaris</i>	2020		
	YL1002-39	<i>B. vulgaris</i>	2020		
	YL1002-141	<i>B. vulgaris</i>	2020		
	YL1002-105	<i>B. vulgaris</i>	2020		
	YL1002-62	<i>B. vulgaris</i>	2020		
	XJYL-38	<i>B. vulgaris</i>	2020		
	YL1002-172	<i>B. vulgaris</i>	2020		
	YL1002-38	<i>B. vulgaris</i>	2020		
	YL1002-159	<i>B. vulgaris</i>	2020		
	YL1002-187	<i>B. vulgaris</i>	2020		
	HEB-12	<i>B. vulgaris</i>	2020	Heilongjiang Province	
	HEB-52	<i>B. vulgaris</i>	2020		
4	YL1002-77	<i>B. vulgaris</i>	2020	Xinjiang Uygur Autonomous Region of China	pigmentation (red) at the edge of colonies. (Supplementary Materials Figure S1 Type IV)
	XJYL-41	<i>B. vulgaris</i>	2020		
	SZDB-21	<i>B. vulgaris</i>	2020	Beijing	
	SZDB-3	<i>B. vulgaris</i>	2020		
	SZDB-13	<i>B. vulgaris</i>	2020		
	SZDB-10	<i>B. vulgaris</i>	2020		
	SZDB-24	<i>B. vulgaris</i>	2020		
	SZDB-1	<i>B. vulgaris</i>	2020		
	SZDB-29	<i>B. vulgaris</i>	2020		
	SZDB-26	<i>B. vulgaris</i>	2020		
	SZDB-19	<i>B. vulgaris</i>	2020		
	SZDB-7	<i>B. vulgaris</i>	2020		
	SZDB-18	<i>B. vulgaris</i>	2020		
	SZDB-6	<i>B. vulgaris</i>	2020		
	SZDB-17	<i>B. vulgaris</i>	2020		
	CF1018SY-74	<i>B. vulgaris</i>	2020	Inner Mongolia Autonomous Region	
	CF1019SY-99	<i>B. vulgaris</i>	2020		
	CF1020SY-98	<i>B. vulgaris</i>	2020		
	CF1022SY-32	<i>B. vulgaris</i>	2020		
	5	CFNKY1006-BM2.5-15	<i>B. vulgaris</i>	2020	
CFNKY1006-BM2.5-30		<i>B. vulgaris</i>	2020		
CFNKY1006-BM2.5-31		<i>B. vulgaris</i>	2020		
CFNKY1006-BM2.5-17		<i>B. vulgaris</i>	2020		
CFNKY1006-BM2.5-56		<i>B. vulgaris</i>	2020		
CFNKY1006-BM2.5-57		<i>B. vulgaris</i>	2020		
CFNKY1006-BM2.5-58		<i>B. vulgaris</i>	2020		
CFNKY1006-BM2.5-59		<i>B. vulgaris</i>	2020		

	CFNKY1006-BM2.5-60	<i>B. vulgaris</i>	2020			
	CFNKY1006-BM2.5-6	<i>B. vulgaris</i>	2020			
	CFNKY1006-BM2.5-4	<i>B. vulgaris</i>	2020			
	CFNKY1006-BM2.5-16	<i>B. vulgaris</i>	2020			
	CFNKY1006-BM2.5-18	<i>B. vulgaris</i>	2020			
	CFNKY1006-BM2.5-24	<i>B. vulgaris</i>	2020			
	CFNKY1006-BM2.5-25	<i>B. vulgaris</i>	2020			
	CFNKY1006-BM2.5-26	<i>B. vulgaris</i>	2020			
	CFNKY1006-BM2.5-43	<i>B. vulgaris</i>	2020			
	CFNKY-BM-36	<i>B. vulgaris</i>	2020			
	CFNKY-BM-8	<i>B. vulgaris</i>	2020			
	CFNKY-BM-35	<i>B. vulgaris</i>	2020			
	XJHC0925-BM2-11	<i>B. vulgaris</i>	2020			
	XJHC0925-BM2-13	<i>B. vulgaris</i>	2020	Xinjiang		
	XJHC0925-BM2-20	<i>B. vulgaris</i>	2020	Uygur		
	XJHC-BM2-18	<i>B. vulgaris</i>	2020	Autonomous Region of China		
6	CF0901BZ-38	<i>B. vulgaris</i>	2020	Inner Mongolia Autonomous Region		Pyraclostrobin-resistant isolates. (Supplementary Materials Figure S1 Type VI)
	CF0901BZ-25	<i>B. vulgaris</i>	2020			
	CF0901BZ-23	<i>B. vulgaris</i>	2020			
	CF2-4	<i>B. vulgaris</i>	2020			
	CFNKY-BZ2-4	<i>B. vulgaris</i>	2020			
	CFNKY-BZ2-23	<i>B. vulgaris</i>	2020			
	CFNKY-BZ2-22	<i>B. vulgaris</i>	2020			
	CFNKY-BZ2-17	<i>B. vulgaris</i>	2020			
	CFNKY-BZ2-20	<i>B. vulgaris</i>	2020			
	CFNKY-BZ2-21	<i>B. vulgaris</i>	2020			
	CFNKY-BZ2-8	<i>B. vulgaris</i>	2020			
	CFNKY-BZ2-14	<i>B. vulgaris</i>	2020			
	CFNKY-BZ2-13	<i>B. vulgaris</i>	2020			
	CFBZ2-2	<i>B. vulgaris</i>	2020			
	CFBZ2-14	<i>B. vulgaris</i>	2020			
	CFBZ2-9	<i>B. vulgaris</i>	2020			
	CFBZ2-1	<i>B. vulgaris</i>	2020			
7	YA0807-19	<i>B. vulgaris</i>	2020	Heilongjiang Province	Colonies with irregular edge. (Supplementary Materials Figure S1 Type VII)	
	CF1016SY-62	<i>B. vulgaris</i>	2020	Inner Mongolia Autonomous Region		
	CF1016SY-66	<i>B. vulgaris</i>	2020			
	CF1016SY-71	<i>B. vulgaris</i>	2020			
	CF1016SY-48	<i>B. vulgaris</i>	2020			
	CF1017SY-91	<i>B. vulgaris</i>	2020			
	CF1019SY-78	<i>B. vulgaris</i>	2020			
	XJYL-34	<i>B. vulgaris</i>	2020	Xinjiang		

	XJYL-12	<i>B. vulgaris</i>	2020	Uygur	
	XJYL-49	<i>B. vulgaris</i>	2020	Autonomous	
	XJYL-15	<i>B. vulgaris</i>	2020	Region of	
	XJYL-47	<i>B. vulgaris</i>	2020	China	
	XJYL-11	<i>B. vulgaris</i>	2020		
	XJYL-44	<i>B. vulgaris</i>	2020		
	XJHC-32	<i>B. vulgaris</i>	2020		
8	YL1002-22	<i>B. vulgaris</i>	2020	Xinjiang	Colonies with irregular edge. (Supplementary Materials Figure S1 Type VIII)
	YL1002-13	<i>B. vulgaris</i>	2020	Uygur	
	YL1002-90	<i>B. vulgaris</i>	2020	Autonomous Region of China	
	CF1016SC-51	<i>B. vulgaris</i>	2020	Inner	
	CF1016SY-4	<i>B. vulgaris</i>	2020	Mongolia	
	CF1016SY-3	<i>B. vulgaris</i>	2020	Autonomous	
	CF1016SY-46	<i>B. vulgaris</i>	2020	Region	
	CF1016SY-13	<i>B. vulgaris</i>	2020		
	CF1016SY-35	<i>B. vulgaris</i>	2020		
	CF1016SY-47	<i>B. vulgaris</i>	2020		
	CF1016SY-24	<i>B. vulgaris</i>	2020		
	TCZF-1008	<i>B. vulgaris</i>	2020		