TUB2

100/100 MW066754 *Ceratocystiopsis lunata* CMW55897

MW066755 *C. lunata* CMW55898

95/100 MZ019522 *C. yantaiensis* SNM582

MZ019523 *C. yantaiensis* SNM650

100/100 EU913754 *C. manitobensis* UM214

EU913753 *C. manitobensis* UM237

99/100 EU913745 *C. minuta-bicolor* UM844

EU913744 *C. minuta-bicolor* UM480

100/100 EU913747 *Ceratocystiopsis* sp. 1 WY21TX1-2

EU913746 *Ceratocystiopsis* sp. 1 WY13TX1-3

*/71 EU913752 *C. ranaculosa* CBS216.88

99/97 EU913761 *C. brevicomis* CBS333.97

100/100 **C. subelongati CFCC52689 T**

C. subelongati CFCC52690

100/100 MZ019525 *C. weihaiensis* SNM649

75/* MZ019524 *C. weihaiensis* SNM634

96/99 EU913736 *C. minuta* UM1532

72/85 EU913734 *C. minuta* CBS116796

98/100 EU913749 *Ceratocystiopsis* sp. 2 YCC330

86/86 EU913750 *Ceratocystiopsis* sp. 2 YCC329

EU913758 *C. rollhanseniana* UM110

99/100 EU913757 *C. rollhanseniana* UM113

EU913740 *C. minima* UM85

100/100 MN901010 *C. synnemata* KFL17718DA

98/98 MN901009 *C. synnemata* KFL16918DA

MN901013 *C. pallidobrunnea* UM51

EU913760 *C. collifera* CBS126.89

EU913724 *Ophiostoma ips* CBS137.36

0.2