

Supplementary Table S10. Names of sequences from the four identified gene families in Ranunculales.

Sample ID	NCS	OMT	CNMT	NMCH
00132	TRINITY_DN12022_c0_g1_i4.p	TRINITY_DN10731_c0_g1_i1.p		
	1	1		
	TRINITY_DN37015_c0_g1_i1.p	TRINITY_DN12661_c0_g1_i1.p	TRINITY_DN13989_c0_g1_i1.p	TRINITY_DN11945_c0_g1_i1.p1
	1	1		TRINITY_DN8020_c0_g1_i1.p1
00210		TRINITY_DN10842_c0_g1_i1.p	TRINITY_DN12794_c1_g1_i4.p	
		1	1	
	TRINITY_DN14315_c2_g5_i1.p	TRINITY_DN11603_c1_g1_i1.p	TRINITY_DN12794_c1_g4_i1.p	
	1	1	1	TRINITY_DN8614_c0_g1_i1.p1
	TRINITY_DN9155_c0_g1_i1.p1	TRINITY_DN12999_c3_g1_i1.p	TRINITY_DN13418_c1_g1_i8.p	TRINITY_DN5988_c0_g1_i1.p1
	1	1	1	TRINITY_DN12702_c3_g1_i1.p1
00303		TRINITY_DN13681_c0_g1_i1.p	TRINITY_DN9491_c0_g1_i2.p1	
		1	1	
00392		TRINITY_DN9540_c0_g1_i1.p1	TRINITY_DN12805_c4_g1_i4.p	
		1	1	
00626	TRINITY_DN14713_c2_g1_i1.p1		TRINITY_DN12019_c0_g1_i1.p	
			1	
00888	TRINITY_DN13658_c0_g1_i1.p		TRINITY_DN13741_c2_g2_i4.p	
	1		1	
	TRINITY_DN13658_c0_g2_i1.p	TRINITY_DN14891_c0_g1_i1.p	TRINITY_DN12867_c0_g1_i1.p1	
	1	1	1	
00910	TRINITY_DN28856_c0_g1_i1.p	TRINITY_DN125884_c0_g1_i1.p1	TRINITY_DN14272_c2_g1_i1.p1	
	1	1	1	
	TRINITY_DN20272_c0_g1_i1.p	TRINITY_DN195353_c0_g1_i1.p1	TRINITY_DN95609_c0_g1_i1.p	TRINITY_DN25506_c0_g1_i1.p1
	1	1	1	TRINITY_DN33781_c0_g1_i1.p1
01159		TRINITY_DN29985_c1_g1_i2.p	TRINITY_DN13285_c0_g1_i1.p	TRINITY_DN127643_c0_g1_i1.p1
		1	1	
	TRINITY_DN8608_c0_g1_i1.p1			TRINITY_DN10479_c0_g1_i1.p1
			TRINITY_DN16042_c2_g1_i1.p	TRINITY_DN6348_c0_g2_i1.p1
01205		TRINITY_DN10798_c0_g1_i3.p	TRINITY_DN13460_c1_g1_i1.p	TRINITY_DN10879_c0_g1_i1.p1
		1	1	
	TRINITY_DN13221_c1_g1_i1.p	TRINITY_DN12532_c1_g7_i1.p	TRINITY_DN14423_c2_g1_i5.p	
	1	1	1	
	TRINITY_DN597_c0_g2_i1.p1	TRINITY_DN4606_c0_g1_i1.p1	TRINITY_DN13266_c1_g7_i4.p	TRINITY_DN14006_c1_g3_i5.p1
		TRINITY_DN6010_c0_g2_i1.p1	1	
		TRINITY_DN6234_c0_g2_i1.p1	TRINITY_DN13266_c1_g4_i4.p	
		TRINITY_DN6234_c1_g1_i1.p1	1	
	TRINITY_DN6289_c0_g1_i2.p1	TRINITY_DN13266_c1_g1_i5.p		
01207	TRINITY_DN21271_c1_g3_i1.p	TRINITY_DN8395_c0_g1_i3.p1		
	1			
	TRINITY_DN21271_c1_g1_i6.p		TRINITY_DN21580_c0_g1_i4.p2	
	1			
07839	TRINITY_DN31359_c0_g1_i1.p			
	1			
	TRINITY_DN6838_c0_g1_i3.p1			
07886	TRINITY_DN18498_c3_g8_i1.p1		TRINITY_DN4417_c0_g1_i1.p1	TRINITY_DN17384_c0_g1_i2.p1
	TRINITY_DN15362_c0_g1_i2.p1	TRINITY_DN25761_c0_g1_i1.p1	TRINITY_DN8054_c0_g2_i1.p1	
	07887		TRINITY_DN14525_c0_g1_i1.p	TRINITY_DN9364_c0_g1_i1.p1
07897	TRINITY_DN16560_c0_g1_i1.p		TRINITY_DN15833_c0_g1_i1.p	
	1		1	
	TRINITY_DN16560_c0_g2_i1.p		TRINITY_DN8195_c0_g2_i1.p1	
	1	TRINITY_DN1131_c0_g1_i1.p1	TRINITY_DN14572_c0_g1_i1.p	TRINITY_DN18810_c1_g1_i1.p1
	TRINITY_DN16945_c0_g2_i1.p	1	1	
TRINITY_DN15886_c1_g1_i1.p		TRINITY_DN15726_c0_g1_i1.p		
		1		

		TRINITY_DN32773_c0_g1_i1.p 1		TRINITY_DN39126_c1_g3_i1.p 1	
07963	TRINITY_DN37625_c1_g2_i1.p 1	TRINITY_DN35761_c0_g1_i2.p 1		TRINITY_DN38083_c0_g1_i1.p 1	TRINITY_DN35137_c0_g1_i2.p1
	TRINITY_DN37625_c1_g1_i2.p 1	TRINITY_DN37740_c0_g2_i2.p 1		TRINITY_DN38535_c0_g1_i1.p 1	
		TRINITY_DN39603_c0_g1_i2.p 1			
				TRINITY_DN28860_c0_g1_i1.p 1	
07968	TRINITY_DN30750_c0_g1_i1.p 1	TRINITY_DN21666_c0_g1_i1.p 1		TRINITY_DN35567_c1_g1_i5.p 1	
	TRINITY_DN30750_c0_g2_i1.p 1	TRINITY_DN29355_c0_g1_i1.p 1		TRINITY_DN35567_c3_g1_i1.p 1	TRINITY_DN30188_c0_g3_i1.p1
		TRINITY_DN32227_c0_g1_i1.p 1		TRINITY_DN35338_c0_g3_i2.p 1	
				TRINITY_DN35755_c0_g1_i1.p 1	
07969	TRINITY_DN38223_c1_g3_i2.p 1	TRINITY_DN23647_c0_g1_i1.p 1		TRINITY_DN39096_c6_g1_i2.p 1	TRINITY_DN39300_c0_g1_i1.p1
	TRINITY_DN38223_c1_g5_i2.p 1	TRINITY_DN39360_c0_g1_i2.p 1		TRINITY_DN39096_c6_g4_i1.p 1	TRINITY_DN39230_c3_g2_i1.p1
				TRINITY_DN39684_c0_g2_i2.p 1	
		TRINITY_DN32857_c0_g1_i1.p 1		TRINITY_DN54272_c2_g4_i1.p 1	
07970	TRINITY_DN47152_c1_g1_i1.p1	TRINITY_DN48181_c0_g1_i1.p 1		TRINITY_DN49889_c1_g1_i6.p 1	
		TRINITY_DN53356_c0_g1_i2.p 1		TRINITY_DN52869_c0_g1_i1.p 1	
				TRINITY_DN13154_c0_g1_i5.p 1	
07985	TRINITY_DN15421_c4_g2_i1.p 1	TRINITY_DN13267_c0_g1_i3.p 1		TRINITY_DN16466_c0_g1_i1.p 1	TRINITY_DN11907_c0_g1_i1.p1
	TRINITY_DN15421_c4_g1_i1.p 1	TRINITY_DN16834_c0_g1_i1.p 1		TRINITY_DN11181_c0_g1_i1.p 1	TRINITY_DN16657_c0_g1_i1.p1
	TRINITY_DN10460_c0_g1_i1.p 1	TRINITY_DN16834_c1_g1_i1.p 1		TRINITY_DN10632_c0_g1_i1.p 1	TRINITY_DN11006_c0_g1_i1.p1
		TRINITY_DN7133_c0_g1_i1.p1			
		TRINITY_DN8848_c0_g1_i1.p1			
08000		TRINITY_DN632_c0_g1_i1.p1		TRINITY_DN8017_c0_g1_i1.p1	
	TRINITY_DN40858_c0_g1_i1.p 1				
08013	TRINITY_DN15006_c2_g2_i1.p 1			TRINITY_DN15450_c0_g1_i10.p1	
	TRINITY_DN10565_c0_g3_i1.p 1				
				TRINITY_DN20139_c0_g1_i2.p 1	
08047	TRINITY_DN15863_c0_g1_i1.p 1	TRINITY_DN14311_c0_g1_i1.p 1		TRINITY_DN9371_c0_g1_i1.p1	
	TRINITY_DN15863_c0_g2_i1.p 1	TRINITY_DN15459_c0_g1_i1.p 1		TRINITY_DN12841_c0_g4_i1.p 1	TRINITY_DN34707_c0_g1_i1.p1
	TRINITY_DN16403_c0_g3_i1.p 1	TRINITY_DN17692_c3_g1_i1.p 1		TRINITY_DN12841_c0_g3_i1.p 1	TRINITY_DN11920_c0_g1_i1.p1
	TRINITY_DN15814_c0_g1_i1.p 1	TRINITY_DN20981_c2_g1_i1.p 1		TRINITY_DN3814_c0_g1_i1.p1	
				TRINITY_DN40940_c0_g1_i1.p 1	
	TRINITY_DN19066_c0_g2_i2.p 1	TRINITY_DN16130_c0_g1_i1.p 1		TRINITY_DN15318_c0_g1_i1.p 1	
08059	TRINITY_DN10013_c0_g1_i1.p 1	TRINITY_DN21835_c2_g1_i8.p 2		TRINITY_DN21671_c0_g3_i2.p 1	
	TRINITY_DN41138_c0_g1_i1.p 1				

			TRINITY_DN18453_c0_g7_i3.p 1	
		TRINITY_DN13671_c0_g1_i1.p 1	TRINITY_DN18453_c0_g8_i1.p 1	
08105	TRINITY_DN15772_c0_g2_i2.p 1	TRINITY_DN14668_c0_g1_i1.p 1	TRINITY_DN18453_c0_g6_i1.p 1	TRINITY_DN11415_c0_g1_i1.p1
	TRINITY_DN19195_c3_g3_i1.p 1	TRINITY_DN16747_c2_g3_i3.p 1	TRINITY_DN19447_c2_g1_i2.p 1	TRINITY_DN18012_c1_g1_i1.p1
		TRINITY_DN25939_c0_g1_i1.p 1	TRINITY_DN13029_c0_g1_i2.p 1	
			TRINITY_DN17503_c2_g2_i1.p 1	
08121				
		TRINITY_DN11101_c0_g1_i3.p 1		
		TRINITY_DN11506_c0_g1_i1.p 1	TRINITY_DN10429_c0_g1_i1.p 1	
08177	TRINITY_DN14448_c3_g3_i1.p 1	TRINITY_DN12446_c1_g1_i2.p 1	TRINITY_DN15587_c2_g1_i6.p 1	TRINITY_DN11408_c2_g2_i1.p1
	TRINITY_DN14821_c1_g1_i2.p 1	TRINITY_DN12446_c1_g3_i2.p 1	TRINITY_DN15227_c0_g1_i2.p 1	TRINITY_DN12792_c0_g1_i1.p1
		TRINITY_DN13599_c0_g1_i1.p 1	TRINITY_DN14590_c0_g1_i4.p 1	
		TRINITY_DN8653_c0_g1_i1.p1	TRINITY_DN8805_c0_g1_i1.p1	
		TRINITY_DN8701_c0_g1_i1.p1		
08256	TRINITY_DN20090_c0_g1_i2.p1		TRINITY_DN17080_c0_g1_i1.p	TRINITY_DN20513_c0_g2_i1.p1
			TRINITY_DN10225_c0_g1_i1.p 1	
08260	TRINITY_DN2953_c0_g1_i1.p1 TRINITY_DN24240_c0_g1_i1.p 1	TRINITY_DN9078_c0_g1_i1.p1	TRINITY_DN10084_c0_g1_i1.p 1	TRINITY_DN16710_c0_g2_i3.p1
	TRINITY_DN41976_c0_g1_i1.p 1		TRINITY_DN7294_c0_g1_i1.p1	TRINITY_DN9895_c0_g1_i1.p1
			TRINITY_DN4478_c0_g1_i2.p1	
			TRINITY_DN23036_c0_g1_i1.p 1	
08514A	TRINITY_DN735_c0_g1_i1.p1	TRINITY_DN11934_c0_g1_i1.p1 TRINITY_DN7026_c1_g1_i1.p1	TRINITY_DN19296_c0_g1_i4.p 1 TRINITY_DN284_c1_g1_i1.p1 TRINITY_DN432_c0_g1_i2.p1 TRINITY_DN5569_c0_g1_i1.p1 TRINITY_DN284_c0_g1_i2.p1	TRINITY_DN11584_c0_g1_i1.p1
08580A	TRINITY_DN4718_c0_g1_i1.p1 TRINITY_DN519_c0_g1_i2.p1	TRINITY_DN1960_c0_g1_i1.p1 TRINITY_DN3423_c0_g1_i3.p1 TRINITY_DN7291_c0_g1_i1.p1	TRINITY_DN6782_c0_g1_i1.p1 TRINITY_DN2010_c0_g1_i5.p1 TRINITY_DN2102_c0_g1_i1.p1	TRINITY_DN115407_c0_g1_i1.p1 TRINITY_DN4667_c0_g1_i1.p1
08734A	TR13032 c0_g2_i1.p1	TR13773 c0_g1_i2.p1 TR261 c0_g1_i1.p1 TR51759 c0_g1_i1.p1	TR43949 c2_g27_i1.p1 TR18046 c0_g1_i1.p1 TR42451 c0_g1_i1.p1 TR18454 c0_g1_i1.p1 TR50114 c0_g1_i1.p1	TR15739 c0_g1_i2.p1
08771A	TR3568 c0_g2_i1.p1 TR56182 c0_g1_i1.p1		TR11115 c0_g2_i1.p1	
08784	TR43695 c5_g2_i1.p1	TR6545 c0_g1_i1.p1	TR23330 c0_g1_i1.p1	
08889A	TR51701 c0_g1_i1.p1 TR28102 c0_g1_i1.p1 TR50814 c0_g1_i1.p1 TR498 c0_g1_i1.p1		TR49557 c0_g1_i1.p2	
08891A		TR7625 c0_g1_i2.p1	TR8629 c0_g1_i1.p1	
08894A	TR43283 c1_g1_i2.p1 TR31016 c0_g1_i1.p1 TR74999 c0_g1_i1.p1 TR74999 c0_g2_i1.p1 TR35518 c0_g1_i1.p1 TR26122 c0_g1_i1.p1	TR3288 c0_g1_i1.p1 TR33277 c0_g1_i1.p1 TR40815 c0_g1_i1.p1 TR46572 c0_g1_i1.p1 TR48719 c0_g1_i1.p1	TR38776 c0_g1_i1.p1 TR7962 c0_g1_i1.p1 TR54899 c0_g1_i2.p1 TR25523 c0_g1_i2.p1 TR12296 c0_g1_i1.p1	TR31472 c0_g1_i1.p1 TR49557 c0_g1_i1.p1

		TRINITY_DN10461_c0_g1_i1.p 1		
08895A	TRINITY_DN2870_c0_g1_i4.p1 TRINITY_DN43328_c0_g1_i1.p 1 TRINITY_DN55047_c0_g1_i1.p 1 TRINITY_DN3390_c2_g1_i4.p1 TRINITY_DN3637_c0_g1_i1.p1	TRINITY_DN1190_c0_g1_i3.p1 TRINITY_DN1190_c0_g2_i3.p1 TRINITY_DN150_c0_g1_i1.p1 TRINITY_DN38724_c0_g1_i1.p 1 TRINITY_DN7631_c0_g1_i1.p1 TRINITY_DN93873_c0_g1_i2.p 1	TRINITY_DN12040_c0_g1_i1.p 1 TRINITY_DN9282_c0_g1_i14.p 1 TRINITY_DN8594_c0_g1_i1.p1 TRINITY_DN6112_c0_g1_i3.p1 TRINITY_DN6112_c0_g2_i4.p1	TRINITY_DN2340_c0_g2_i1.p1 TRINITY_DN1685_c0_g1_i2.p1 TRINITY_DN4813_c1_g1_i3.p1
08914A	TR47337 c0_g1_i2.p1 TR74606 c0_g1_i1.p1 TR30840 c0_g1_i1.p1 TR68099 c0_g1_i1.p1 TR59864 c0_g1_i1.p1	TR22886 c0_g1_i1.p1 TR34065 c0_g1_i1.p1 TR34065 c0_g2_i1.p1 TR40928 c0_g2_i1.p1 TR4846 c1_g1_i1.p1 TR4846 c1_g2_i1.p1 TR4846 c2_g1_i1.p1 TR63430 c0_g2_i2.p1	TR78179 c1_g1_i3.p1 TR40204 c0_g1_i1.p1 TR57633 c0_g1_i1.p1 TR65801 c0_g1_i1.p1	TR77611 c3_g1_i1.p1 TR9409 c0_g1_i1.p1
08925A	TRINITY_DN22156_c0_g1_i2.p 1 TRINITY_DN43164_c0_g1_i1.p 1 TRINITY_DN10594_c0_g1_i1.p 1	TRINITY_DN11825_c0_g1_i1.p1	TRINITY_DN16209_c0_g1_i2.p 1 TRINITY_DN21057_c1_g1_i6.p 1	
08928A			TRINITY_DN9659_c0_g1_i1.p1	
08951A	TRINITY_DN14625_c2_g2_i4.p 1 TRINITY_DN1507_c0_g1_i1.p1 TRINITY_DN11363_c0_g2_i1.p 1	TRINITY_DN10644_c0_g1_i1.p 1 TRINITY_DN11810_c0_g1_i1.p 1 TRINITY_DN13928_c2_g7_i3.p 1 TRINITY_DN14121_c0_g1_i2.p 1 TRINITY_DN14684_c3_g1_i1.p 1 TRINITY_DN14684_c5_g9_i1.p 1 TRINITY_DN32794_c0_g1_i1.p 1 TRINITY_DN4996_c0_g1_i1.p1 TRINITY_DN9498_c0_g1_i1.p1	TRINITY_DN14423_c4_g9_i2.p 1 TRINITY_DN16624_c0_g1_i2.p 1 TRINITY_DN14492_c3_g13_i1. p1 TRINITY_DN6186_c0_g1_i1.p1 TRINITY_DN14492_c3_g5_i3.p 1 TRINITY_DN12312_c0_g1_i2.p 1 TRINITY_DN12497_c0_g1_i1.p 1	TRINITY_DN12949_c0_g1_i1.p1 TRINITY_DN1279_c0_g1_i2.p1 TRINITY_DN12757_c0_g1_i3.p1 TRINITY_DN18856_c3_g1_i1.p1
09032A	TRINITY_DN10450_c0_g1_i1.p 1 TRINITY_DN17571_c0_g1_i1.p 1 TRINITY_DN64059_c0_g1_i1.p 1	TRINITY_DN15092_c0_g1_i3.p1	TRINITY_DN617_c0_g1_i3.p1	
09154A	TRINITY_DN15796_c0_g1_i1.p 1 TRINITY_DN4106_c0_g1_i1.p1 TRINITY_DN17842_c1_g5_i3.p 1	TRINITY_DN13866_c0_g1_i1.p 1 TRINITY_DN14248_c1_g2_i1.p 1 TRINITY_DN14248_c1_g4_i1.p 1 TRINITY_DN14248_c1_g5_i1.p 1 TRINITY_DN16077_c4_g1_i1.p 1 TRINITY_DN17178_c0_g1_i1.p 1 TRINITY_DN17178_c0_g2_i1.p 1 TRINITY_DN17178_c0_g3_i1.p 1 TRINITY_DN923_c0_g1_i1.p1 TRINITY_DN9580_c0_g1_i1.p1	TRINITY_DN14794_c1_g3_i1.p 1 TRINITY_DN9229_c0_g1_i1.p1 TRINITY_DN14794_c1_g2_i1.p 1 TRINITY_DN14794_c1_g1_i4.p 1 TRINITY_DN14794_c1_g6_i1.p 1	TRINITY_DN16757_c2_g7_i2.p1 TRINITY_DN6495_c0_g1_i1.p

		TRINITY_DN11627_c0_g1_i1.p 1		
		TRINITY_DN12531_c0_g1_i2.p 1		
	TRINITY_DN20512_c2_g2_i2.p 1	TRINITY_DN12593_c0_g1_i1.p 1	TRINITY_DN12617_c0_g2_i1.p 1	
09155A	TRINITY_DN20512_c2_g1_i1.p 1	TRINITY_DN13893_c0_g1_i1.p 1	TRINITY_DN18016_c1_g2_i8.p 1	TRINITY_DN21421_c0_g1_i1.p1
	TRINITY_DN46432_c0_g1_i1.p 1	TRINITY_DN15768_c0_g1_i1.p 1	TRINITY_DN18016_c0_g1_i2.p 1	TRINITY_DN15953_c0_g1_i3.p1
	TRINITY_DN7885_c0_g2_i1.p1	TRINITY_DN16837_c3_g1_i1.p 1	TRINITY_DN18016_c1_g11_i1.p1	TRINITY_DN19942_c1_g3_i1.p1
		TRINITY_DN16837_c3_g2_i1.p 1		
		TRINITY_DN21042_c2_g2_i2.p 1		
		TRINITY_DN16556_c1_g1_i5.p 1		
		TRINITY_DN16556_c1_g6_i1.p 1		
09161A	TRINITY_DN19521_c2_g2_i7.p 1	TRINITY_DN17158_c0_g1_i5.p 1	TRINITY_DN20343_c1_g1_i17.p1	
	TRINITY_DN19944_c0_g1_i1.p 1	TRINITY_DN17815_c1_g1_i6.p 1	TRINITY_DN16526_c0_g1_i1.p 1	
	TRINITY_DN22679_c1_g2_i2.p 2	TRINITY_DN19588_c1_g4_i1.p 1	TRINITY_DN17834_c0_g1_i2.p 1	TRINITY_DN16030_c0_g2_i1.p1
		TRINITY_DN22678_c1_g1_i1.p 1	TRINITY_DN20343_c1_g2_i2.p 1	
		TRINITY_DN22678_c5_g4_i1.p 1		
09265A	TRINITY_DN313712_c0_g1_i1.p1	TRINITY_DN1055_c0_g1_i5.p2		
		TRINITY_DN1055_c0_g1_i5.p1		
		TRINITY_DN1421_c0_g1_i1.p1		
		TRINITY_DN14736_c0_g1_i1.p 1		
		TRINITY_DN221310_c0_g1_i1.p1	TRINITY_DN16253_c1_g1_i1.p1	TRINITY_DN2041_c0_g2_i1.p1
		TRINITY_DN273777_c0_g1_i1.p1		TRINITY_DN7218_c0_g1_i1.p1
		TRINITY_DN72401_c0_g1_i2.p 1		
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09404	TR60549 c0_g1_i1.p1		TR77168 c1_g1_i1.p1	
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09688	TR15775 c0_g1_i1.p1 TR70112 c1_g1_i1.p1 TR5574 c0_g1_i1.p1 TR51261 c0_g1_i1.p1	TR12512 c0_g1_i1.p1 TR24716 c1_g2_i1.p1 TR32100 c0_g1_i1.p1 TR32100 c1_g1_i1.p1 TR35771 c0_g2_i1.p1 TR48716 c0_g1_i1.p1 TR58455 c0_g1_i1.p1 TR6741 c0_g1_i1.p1	TR55094 c0_g1_i1.p1 TR24127 c0_g1_i2.p1 TR61015 c0_g1_i1.p1 TR75249 c3_g2_i1.p1 TR34422 c0_g1_i2.p1 TR23122 c0_g1_i1.p1 TR10149 c0_g2_i1.p1	TR7397 c0_g1_i1.p1 TR46045 c1_g1_i2.p1 TR13332 c0_g1_i1.p1
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09714	TR73079 c0_g2_i2.p1 TR73079 c0_g3_i1.p1 TR73098 c0_g1_i1.p1 TR22442 c0_g1_i1.p1	TR23739 c0_g1_i1.p1 TR53897 c0_g1_i1.p1 TR54330 c0_g1_i2.p1 TR67031 c0_g1_i1.p1 TR83643 c0_g1_i1.p1	TR15715 c0_g1_i1.p1 TR53750 c0_g1_i3.p1 TR83213 c1_g1_i1.p1 TR24093 c0_g1_i1.p1 TR24589 c0_g1_i2.p1 TR84211 c0_g1_i1.p1	TR45045 c0_g2_i1.p1 TR27336 c1_g2_i4.p1 TR31943 c0_g1_i1.p1
09724	TR69833 c0_g1_i1.p1 TR41029 c3_g1_i1.p1 TR32797 c0_g1_i1.p1 TR15108 c3_g4_i3.p2 TR24879 c0_g1_i1.p1	TR26850 c0_g1_i1.p1 TR36412 c0_g1_i1.p1 TR38651 c0_g1_i1.p1 TR51677 c0_g1_i1.p1 TR56816 c0_g1_i1.p1	TR67421 c0_g2_i1.p1 TR67421 c0_g1_i1.p1 TR34208 c0_g1_i1.p1 TR29580 c0_g1_i1.p1	TR41886 c0_g2_i1.p1 TR75683 c0_g1_i1.p1
09747	TR24120 c1_g1_i1.p1	TR38251 c0_g1_i1.p1 TR56680 c0_g1_i1.p1 TR57037 c0_g1_i1.p1 TR68017 c0_g1_i1.p1	TR90773 c0_g1_i1.p1 TR81661 c0_g1_i1.p1 TR87688 c0_g1_i1.p1 TR49118 c0_g1_i2.p1	TR57829 c0_g1_i1.p1 TR80603 c0_g1_i1.p1
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09757	TR18220 c1_g9_i1.p1 TR18220 c1_g8_i1.p1 TR77039 c0_g2_i1.p1 TR49397 c0_g4_i1.p1 TR44577 c0_g2_i1.p1 TR37350 c1_g1_i1.p1	TR23460 c0_g1_i1.p1 TR25882 c0_g1_i1.p1 TR47007 c0_g7_i2.p1 TR59249 c0_g1_i3.p1 TR88067 c0_g2_i2.p1 TR87125 c0_g1_i1.p1	TR33071 c0_g1_i1.p1 TR47670 c0_g3_i1.p1 TR62409 c0_g1_i1.p1 TR17806 c0_g3_i1.p1	TR26762 c0_g1_i1.p1 TR38032 c1_g1_i1.p1
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	TRINITY_DN14419_c0_g1_i1.p 1		TRINITY_DN12746_c1_g2_i3.p 1	
	TRINITY_DN12817_c1_g3_i1.p 1	TRINITY_DN10460_c0_g1_i1.p 1	TRINITY_DN11610_c0_g1_i7.p 1	
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	TRINITY_DN12817_c1_g6_i1.p 1	TRINITY_DN24699_c0_g1_i1.p 1	TRINITY_DN13405_c3_g1_i2.p 1	
	TRINITY_DN12817_c1_g8_i1.p 1	TRINITY_DN8733_c0_g2_i1.p1 1	TRINITY_DN12613_c3_g5_i2.p 1	
	TRINITY_DN7301_c0_g1_i1.p1			
		TRINITY_DN16209_c0_g1_i1.p 1	TRINITY_DN20105_c0_g1_i1.p 1	
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10583A	TRINITY_DN3237_c0_g1_i1.p2 TRINITY_DN3126_c0_g1_i1.p1	TRINITY_DN110284_c1_g1_i1.p1 TRINITY_DN4667_c0_g1_i2.p1 TRINITY_DN8285_c0_g1_i1.p1	TRINITY_DN423_c2_g1_i8.p1 TRINITY_DN97232_c0_g1_i1.p 1 TRINITY_DN13139_c1_g1_i3.p 1 TRINITY_DN2960_c0_g1_i11.p 1	TRINITY_DN19290_c0_g1_i3.p1
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		TRINITY_DN128752_c0_g1_i10		
	TRINITY_DN4348_c0_g1_i2.p1	.p1	TRINITY_DN22004_c0_g1_i2.p	
	TRINITY_DN4348_c2_g1_i2.p1	TRINITY_DN13987_c0_g1_i3.p	1	
	TRINITY_DN65185_c0_g1_i1.p	1	TRINITY_DN8912_c0_g1_i1.p1	
11140A	1	TRINITY_DN1918_c0_g1_i2.p1	TRINITY_DN17024_c1_g1_i2.p	
	TRINITY_DN14960_c0_g1_i2.p	TRINITY_DN215702_c0_g1_i3.	1	TRINITY_DN31357_c0_g1_i5.p1
	1	p1	TRINITY_DN25183_c0_g1_i2.p	
	TRINITY_DN1560_c0_g1_i1.p1	TRINITY_DN22397_c0_g1_i2.p	1	
	TRINITY_DN1560_c0_g2_i1.p1	1	TRINITY_DN90702_c0_g1_i1.p	
	TRINITY_DN12703_c0_g1_i2.p	1	1	
	1	TRINITY_DN34905_c0_g1_i1.p	1	
		1		
		TRINITY_DN4968_c0_g1_i1.p1		
		TRINITY_DN6959_c0_g1_i3.p1		
11296A	TRINITY_DN17403_c0_g1_i1.p			
	1	TRINITY_DN16906_c0_g1_i1.p1	TRINITY_DN21804_c0_g1_i4.p	TRINITY_DN23494_c0_g8_i1.p1
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	1			
		TRINITY_DN13049_c0_g1_i1.p		
		1		
		TRINITY_DN14665_c1_g1_i1.p		
	TRINITY_DN20597_c2_g1_i4.p	1		
11326A	1	TRINITY_DN17025_c0_g1_i2.p	TRINITY_DN18858_c1_g1_i3.p	
	TRINITY_DN13968_c0_g1_i6.p	1	1	
	1	TRINITY_DN21643_c0_g2_i3.p	TRINITY_DN15417_c0_g1_i3.p	TRINITY_DN15040_c0_g1_i3.p1
	TRINITY_DN12359_c0_g1_i3.p	1	1	
	1	TRINITY_DN24828_c0_g1_i12.		
		p1		
		TRINITY_DN24828_c0_g2_i1.p		
		1		
11354B	TRINITY_DN27460_c0_g1_i1.p			
	1			
	TRINITY_DN18119_c3_g1_i1.p			
	1			
11374B	TRINITY_DN23881_c0_g1_i3.p			
	1		TRINITY_DN24057_c0_g1_i1.p1	
	TRINITY_DN26987_c0_g1_i1.p			
	1			
11522A	TRINITY_DN381_c0_g1_i9.p1		TRINITY_DN113481_c0_g1_i1.	
	TRINITY_DN4901_c0_g1_i1.p1		p1	
	TRINITY_DN11596_c0_g1_i1.p		TRINITY_DN113481_c0_g1_i1.	
	1		p2	
			TRINITY_DN1580_c0_g1_i11.p	
			1	
	TRINITY_DN2320_c0_g1_i10.p			
	1			
11539A	TRINITY_DN14146_c0_g2_i2.p	TRINITY_DN43706_c0_g1_i3.p	TRINITY_DN4400_c0_g1_i2.p1	TRINITY_DN12647_c0_g1_i3.p1
	1	1	TRINITY_DN11260_c0_g1_i3.p	TRINITY_DN16487_c0_g1_i6.p1
	TRINITY_DN7144_c0_g1_i4.p1	TRINITY_DN7695_c0_g1_i2.p1	1	TRINITY_DN12647_c0_g2_i1.p1
	TRINITY_DN104345_c0_g1_i1.	TRINITY_DN9861_c0_g1_i7.p1	TRINITY_DN153_c0_g1_i5.p1	
	p1			
	TRINITY_DN7354_c0_g1_i3.p1			
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	2	1	1	
			TRINITY_DN15794_c0_g1_i6.p	
			1	
11648B		TRINITY_DN14604_c0_g1_i1.p		
		1		
		TRINITY_DN16153_c0_g1_i1.p	TRINITY_DN20564_c0_g1_i4.p	
	TRINITY_DN16696_c0_g2_i1.p	1	1	
	1	TRINITY_DN16852_c0_g1_i1.p	TRINITY_DN20646_c1_g1_i2.p	TRINITY_DN9163_c0_g1_i1.p1
	TRINITY_DN5131_c0_g1_i1.p1	1	1	TRINITY_DN19244_c0_g2_i2.p1
		TRINITY_DN19750_c0_g8_i2.p	TRINITY_DN15344_c0_g2_i2.p	TRINITY_DN18622_c0_g2_i1.p1
		1	1	
		TRINITY_DN21266_c0_g1_i1.p		
		1		

			TRINITY_DN14186_c2_g1_i1.p 1		
			TRINITY_DN14186_c2_g2_i3.p 1		
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	TRINITY_DN18905_c1_g1_i2.p 1	TRINITY_DN15715_c1_g1_i3.p 1	TRINITY_DN17204_c1_g1_i1.p 1	TRINITY_DN18349_c0_g1_i3.p1	
			TRINITY_DN10424_c0_g1_i1.p 1	TRINITY_DN18032_c0_g5_i1.p1	
		TRINITY_DN11589_c0_g1_i1.p 1	TRINITY_DN15467_c1_g4_i3.p 1		
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	TRINITY_DN10444_c0_g3_i1.p 1	TRINITY_DN17857_c6_g2_i1.p 1	TRINITY_DN19491_c1_g2_i3.p 1	TRINITY_DN9000_c0_g1_i1.p1	
		TRINITY_DN18432_c1_g1_i5.p 1	TRINITY_DN32883_c0_g1_i1.p 1	TRINITY_DN14932_c0_g2_i4.p1	
				TRINITY_DN14932_c0_g1_i1.p1	
12267A	TRINITY_DN14170_c0_g1_i1.p 1		TRINITY_DN38221_c0_g1_i1.p 1		
	TRINITY_DN15427_c0_g1_i1.p 1		TRINITY_DN20661_c0_g1_i2.p 1		
12310A	TRINITY_DN45171_c0_g1_i1.p1		TRINITY_DN5224_c0_g1_i1.p1	TRINITY_DN26027_c0_g1_i1.p1	
			TRINITY_DN15466_c0_g1_i11.p1		
12517B	TRINITY_DN14617_c0_g2_i6.p 1	TRINITY_DN13157_c0_g1_i1.p 1	TRINITY_DN15623_c1_g1_i6.p 1	TRINITY_DN12052_c0_g3_i2.p1	
	TRINITY_DN14941_c0_g5_i1.p 1	TRINITY_DN1411_c0_g1_i1.p1	TRINITY_DN9083_c0_g1_i2.p1		
		TRINITY_DN7469_c0_g1_i1.p1	TRINITY_DN14259_c0_g1_i4.p 1		
12596A	TRINITY_DN126768_c0_g1_i1.p1		TRINITY_DN4303_c0_g1_i1.p1		
	TRINITY_DN115238_c0_g1_i1.p1	TRINITY_DN17726_c0_g1_i6.p 1	TRINITY_DN4502_c0_g1_i13.p 1		
12597A	TRINITY_DN10905_c0_g1_i12.p1	TRINITY_DN33917_c0_g1_i3.p 1	TRINITY_DN1579_c0_g1_i1.p1	TRINITY_DN21145_c0_g1_i15.p1	
	TRINITY_DN11955_c0_g1_i3.p 1	TRINITY_DN34190_c0_g1_i1.p 1	TRINITY_DN1219_c1_g2_i3.p1		
12603A	TRINITY_DN15775_c0_g1_i2.p 1	TRINITY_DN11535_c0_g2_i2.p 1	TRINITY_DN457_c0_g3_i1.p1		
	TRINITY_DN17804_c0_g2_i1.p 1	TRINITY_DN3928_c0_g1_i1.p1	TRINITY_DN25481_c0_g1_i1.p 1	TRINITY_DN28029_c0_g1_i1.p1	
		TRINITY_DN20544_c0_g1_i1.p 1			
12619A	TRINITY_DN2572_c0_g1_i1.p1	TRINITY_DN26898_c0_g1_i1.p 1	TRINITY_DN46724_c0_g1_i3.p1	TRINITY_DN4580_c0_g1_i9.p1	
	TRINITY_DN2572_c0_g2_i1.p1	TRINITY_DN36571_c0_g1_i2.p 1		TRINITY_DN12901_c0_g1_i8.p1	
	TRINITY_DN129386_c0_g1_i1.p1	TRINITY_DN5870_c0_g1_i1.p1			
		TRINITY_DN7688_c0_g1_i1.p1			
		TRINITY_DN7884_c0_g1_i3.p1			
12621A	TRINITY_DN14998_c0_g1_i7.p 1	TRINITY_DN7499_c0_g1_i4.p1	TRINITY_DN8213_c0_g1_i1.p1	TRINITY_DN601_c0_g1_i7.p1	
		TRINITY_DN908_c0_g1_i2.p1			
12623A	TRINITY_DN129961_c0_g1_i1.p1		TRINITY_DN5038_c0_g1_i3.p1		
	TRINITY_DN6365_c0_g1_i4.p1	TRINITY_DN29082_c0_g1_i1.p1	TRINITY_DN11327_c0_g1_i4.p 1		
		TRINITY_DN14303_c1_g1_i2.p 1			
		TRINITY_DN36956_c0_g1_i1.p 2			
		TRINITY_DN36956_c0_g1_i1.p 1	TRINITY_DN2951_c0_g1_i4.p1		
12652A	TRINITY_DN8253_c0_g3_i1.p1	TRINITY_DN46053_c0_g1_i1.p 1	TRINITY_DN26705_c0_g1_i1.p 1	TRINITY_DN9564_c0_g1_i1.p1	
	TRINITY_DN47958_c0_g1_i1.p 1	TRINITY_DN48682_c0_g1_i1.p 1	TRINITY_DN11558_c0_g1_i5.p 1		
	TRINITY_DN6485_c0_g1_i2.p1	TRINITY_DN75125_c0_g1_i5.p 1			
		TRINITY_DN754_c0_g1_i6.p1			
		TRINITY_DN77438_c0_g1_i4.p 1			

	TRINITY_DN20839_c0_g1_i1.p 1		
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12685A			TRINITY_DN1435_c0_g1_i14.p1
12694A			TRINITY_DN3366_c0_g1_i1.p1 TRINITY_DN3366_c0_g1_i1.p2
12695A	TRINITY_DN1098_c0_g1_i1.p1	TRINITY_DN40387_c0_g1_i1.p 1 TRINITY_DN40387_c0_g2_i1.p 1	TRINITY_DN4522_c0_g1_i1.p1 TRINITY_DN106046_c0_g1_i1.p2 TRINITY_DN106046_c0_g1_i1.p1
12699A	TRINITY_DN8544_c0_g2_i1.p1 TRINITY_DN7774_c0_g1_i1.p1	TRINITY_DN2015_c0_g1_i4.p1 TRINITY_DN4571_c0_g1_i1.p1 TRINITY_DN9196_c0_g1_i7.p1 TRINITY_DN9196_c2_g1_i1.p1	TRINITY_DN984_c0_g1_i2.p1 TRINITY_DN5057_c0_g1_i13.p 1 TRINITY_DN4039_c0_g1_i1.p1 TRINITY_DN10080_c0_g1_i11.p1 TRINITY_DN21299_c0_g1_i1. p1
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12745A	TRINITY_DN7839_c0_g1_i2.p1 TRINITY_DN1868_c0_g1_i3.p1 TRINITY_DN31075_c0_g1_i1.p 1 TRINITY_DN15430_c0_g1_i1.p 1	TRINITY_DN494_c0_g2_i19.p2 TRINITY_DN494_c0_g2_i19.p1 TRINITY_DN5581_c0_g1_i1.p1 TRINITY_DN69473_c0_g1_i6.p 1	TRINITY_DN443_c0_g1_i1.p1 TRINITY_DN4264_c0_g1_i4.p1 TRINITY_DN5003_c0_g1_i1.p1 TRINITY_DN7310_c0_g1_i1.p1 TRINITY_DN2982_c0_g1_i7.p1
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		TRINITY_DN11300_c0_g1_i1.p 1		
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12999A	TRINITY_DN394_c0_g1_i1.p1	TRINITY_DN8684_c0_g1_i2.p1 TRINITY_DN8684_c0_g2_i1.p1	TRINITY_DN705_c0_g1_i5.p2
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13009A	TRINITY_DN9063_c0_g1_i3.p1 TRINITY_DN50483_c0_g1_i1.p1 TRINITY_DN69484_c0_g1_i1.p1 TRINITY_DN1091_c0_g1_i1.p1		TRINITY_DN14523_c0_g1_i1.p1 TRINITY_DN36776_c0_g1_i3.p1
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13097A			TRINITY_DN17657_c0_g1_i1.p1 TRINITY_DN3134_c0_g1_i1.p1
13116A			TRINITY_DN1937_c0_g1_i4.p2
13134A	TRINITY_DN6034_c0_g1_i1.p1 TRINITY_DN50114_c0_g1_i1.p1 TRINITY_DN9564_c0_g1_i9.p1 TRINITY_DN9564_c0_g2_i7.p1	TRINITY_DN2601_c0_g1_i4.p1 TRINITY_DN3833_c0_g1_i1.p2 TRINITY_DN6731_c0_g1_i2.p1	TRINITY_DN4785_c0_g1_i1.p1 TRINITY_DN200_c2_g1_i5.p1 TRINITY_DN21601_c0_g1_i8.p1

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13139A		TRINITY_DN21554_c0_g1_i1.p1	TRINITY_DN973_c0_g1_i4.p1	
13140A	TRINITY_DN6235_c0_g1_i8.p1 TRINITY_DN12436_c0_g2_i5.p1 1	TRINITY_DN11884_c0_g1_i5.p1 1 TRINITY_DN1247_c0_g1_i1.p1 TRINITY_DN131773_c0_g1_i1.p1 p1 TRINITY_DN362_c0_g1_i1.p1 TRINITY_DN362_c3_g1_i6.p1	TRINITY_DN8877_c0_g1_i1.p1 TRINITY_DN5026_c0_g1_i1.p1	TRINITY_DN12957_c0_g1_i1.p1
13143A	TRINITY_DN16963_c0_g1_i1.p1 1 TRINITY_DN1117_c0_g1_i1.p1 TRINITY_DN8441_c0_g2_i2.p1	TRINITY_DN13563_c0_g1_i1.p1 1 TRINITY_DN31705_c0_g1_i1.p1 1	TRINITY_DN1096_c0_g1_i1.p1 TRINITY_DN47094_c0_g1_i2.p1 1	
13163A	TRINITY_DN29054_c0_g1_i2.p1 1 TRINITY_DN2338_c0_g1_i5.p1	TRINITY_DN5478_c0_g1_i1.p1 TRINITY_DN7415_c0_g1_i1.p1	TRINITY_DN72163_c0_g1_i6.p1 1 TRINITY_DN7440_c0_g3_i4.p1 TRINITY_DN1021_c0_g1_i10.p1 1 TRINITY_DN15934_c0_g1_i3.p1 1 TRINITY_DN26539_c0_g1_i7.p1 1 TRINITY_DN5318_c1_g1_i3.p1	TRINITY_DN21024_c0_g1_i5.p1
13165A	TRINITY_DN12089_c0_g1_i2.p1 1 TRINITY_DN19247_c0_g1_i5.p1 1 TRINITY_DN16418_c0_g2_i1.p1 1	TRINITY_DN518_c0_g1_i7.p1 TRINITY_DN518_c1_g1_i1.p1	TRINITY_DN4367_c0_g1_i2.p1 TRINITY_DN67421_c0_g1_i1.p1 1	TRINITY_DN16469_c0_g1_i3.p1
13182A	TRINITY_DN15368_c0_g1_i1.p1 1 TRINITY_DN48477_c0_g1_i1.p1 1 TRINITY_DN3236_c0_g2_i1.p1 TRINITY_DN3236_c0_g1_i1.p1 TRINITY_DN4011_c0_g1_i4.p1	TRINITY_DN11719_c0_g1_i1.p1 1 TRINITY_DN24266_c0_g1_i6.p1 1 TRINITY_DN56244_c0_g1_i1.p1 1 TRINITY_DN9281_c0_g1_i2.p1 TRINITY_DN9281_c0_g2_i1.p1	TRINITY_DN22363_c0_g1_i1.p1 1 TRINITY_DN13339_c0_g1_i1.p1 1	
13196A	TRINITY_DN3199_c1_g1_i3.p1	TRINITY_DN11560_c0_g1_i1.p1 1 TRINITY_DN68431_c0_g1_i1.p1 1	TRINITY_DN41529_c1_g1_i1.p1 1 TRINITY_DN41529_c1_g2_i1.p1 1 TRINITY_DN1033_c0_g1_i15.p1 1 TRINITY_DN41482_c0_g1_i1.p1 1	TRINITY_DN20111_c0_g1_i5.p1
13202A	TRINITY_DN69424_c0_g1_i2.p1 1 TRINITY_DN149681_c0_g1_i1.p1 p1 TRINITY_DN4260_c0_g1_i3.p1 TRINITY_DN3251_c0_g1_i1.p1 TRINITY_DN3251_c0_g2_i1.p1	TRINITY_DN21518_c0_g1_i3.p1	TRINITY_DN83886_c0_g1_i3.p1 TRINITY_DN595_c0_g1_i2.p1	TRINITY_DN20199_c0_g1_i9.p1
13214A	TRINITY_DN536_c0_g1_i4.p1 TRINITY_DN7699_c1_g2_i1.p1	TRINITY_DN590_c0_g1_i2.p1 TRINITY_DN6374_c0_g1_i2.p1 TRINITY_DN9718_c0_g1_i1.p1	TRINITY_DN5700_c0_g1_i9.p1 TRINITY_DN12691_c0_g1_i3.p1 1 TRINITY_DN370_c0_g1_i5.p1 TRINITY_DN2057_c0_g1_i6.p1	TRINITY_DN1395_c0_g2_i1.p1 TRINITY_DN1395_c0_g3_i1.p1
13216A	TRINITY_DN772_c0_g1_i4.p1 TRINITY_DN73175_c0_g1_i1.p1 1 TRINITY_DN13206_c0_g1_i1.p1 1 TRINITY_DN13206_c0_g2_i2.p1 1	TRINITY_DN2391_c0_g1_i1.p1 TRINITY_DN2391_c0_g2_i2.p1 TRINITY_DN41_c0_g1_i3.p1	TRINITY_DN12919_c0_g1_i1.p1 1 TRINITY_DN1159_c0_g1_i7.p1	TRINITY_DN1291_c0_g1_i6.p1 TRINITY_DN5117_c0_g1_i8.p1

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	TRINITY_DN6029_c0_g2_i1.p1	1	1	
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		1	1	
		TRINITY_DN3937_c0_g1_i2.p1		
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			TR21787 c0_g1_i1.p1	
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	TRINITY_DN13321_c0_g1_i1.p1			
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		1		
		TRINITY_DN21865_c2_g6_i1.p1		
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CS00128	TRINITY_DN12891_c1_g1_i1.p1 1 TRINITY_DN15725_c1_g1_i1.p1 1 TRINITY_DN16866_c0_g1_i1.p1 1 TRINITY_DN12455_c0_g1_i1.p1 1	TRINITY_DN3806_c0_g1_i1.p1 1 TRINITY_DN3892_c0_g1_i1.p1 1	TRINITY_DN15161_c1_g2_i2.p1 1 TRINITY_DN17530_c1_g1_i10.p1 1 TRINITY_DN40562_c0_g1_i1.p1 1 TRINITY_DN9024_c0_g1_i1.p1	TRINITY_DN16893_c2_g3_i2.p1 1 TRINITY_DN17835_c0_g2_i1.p1 1 TRINITY_DN17835_c0_g3_i1.p1 1
CS00131	TRINITY_DN16899_c1_g4_i2.p1 1 TRINITY_DN16899_c1_g2_i2.p1 1 TRINITY_DN28759_c0_g1_i1.p1 1 TRINITY_DN12508_c0_g1_i4.p1 1	TRINITY_DN12827_c0_g1_i2.p1 1 TRINITY_DN18933_c0_g1_i1.p1 1 TRINITY_DN3322_c0_g1_i1.p1 1 TRINITY_DN6658_c0_g1_i1.p1 1 TRINITY_DN9646_c0_g1_i2.p1 1	TRINITY_DN16930_c5_g3_i1.p1 1 TRINITY_DN13739_c0_g1_i5.p1 1 TRINITY_DN15304_c2_g4_i4.p1 1 TRINITY_DN18468_c4_g1_i1.p1 1 TRINITY_DN11201_c0_g1_i1.p1 1 TRINITY_DN11973_c0_g1_i1.p1 1	TRINITY_DN9641_c0_g1_i1.p1 1 TRINITY_DN16028_c1_g1_i3.p1 1

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	TRINITY_DN12230_c0_g1_i1.p 1	TRINITY_DN12120_c0_g1_i2.p 1	TRINITY_DN6552_c0_g1_i1.p1	
CS00280	TRINITY_DN30273_c0_g1_i1.p 1	TRINITY_DN7058_c0_g1_i1.p1	TRINITY_DN10307_c0_g2_i1.p 1	TRINITY_DN10740_c0_g1_i1.p1
	TRINITY_DN13962_c0_g1_i1.p 1	TRINITY_DN9245_c0_g1_i1.p1	TRINITY_DN10307_c0_g1_i1.p 1	TRINITY_DN15782_c0_g1_i5.p1
	TRINITY_DN11393_c0_g1_i2.p 1	TRINITY_DN9307_c0_g1_i1.p1	TRINITY_DN11074_c1_g1_i1.p 1	TRINITY_DN10217_c0_g1_i1.p1
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	TR57092 c0_g2_i1.p1			
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	TR13587 c0_g1_i1.p1	TR2824 c0_g1_i2.p1	TR7405 c2_g1_i1.p1	TR5683 c0_g1_i1.p1
	TR25081 c0_g1_i1.p1	TR29258 c0_g1_i2.p1	TR42108 c0_g1_i1.p1	TR5683 c0_g2_i1.p1
	TR19658 c0_g1_i1.p1		TR14480 c0_g1_i2.p1	
			TR18090 c1_g1_i1.p1	
EM00060	TR17338 c0_g1_i1.p1	TR10902 c0_g2_i1.p1		
	TR7302 c0_g2_i1.p1			
EM00104	TRINITY_DN2172_c0_g1_i1.p1	TRINITY_DN113353_c0_g1_i4. p1	TRINITY_DN4093_c2_g1_i1.p1	
	TRINITY_DN1694_c0_g1_i7.p1	TRINITY_DN235_c0_g1_i5.p1	TRINITY_DN4093_c0_g2_i1.p1	TRINITY_DN4134_c0_g1_i1.p1
		TRINITY_DN6939_c0_g1_i1.p1	TRINITY_DN11384_c0_g1_i1.p 1	
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	TRINITY_DN13491_c0_g1_i1.p 1			
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		TRINITY_DN182177_c1_g1_i1. p1	TRINITY_DN4059_c0_g1_i2.p1	TRINITY_DN16006_c0_g1_i4.p1
		TRINITY_DN49948_c0_g1_i4.p 1	TRINITY_DN8477_c0_g1_i1.p1	
			TRINITY_DN327_c3_g1_i1.p1	
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	TR6027 c0_g1_i1.p1		TR30589 c0_g1_i1.p1	
	TR24962 c0_g1_i1.p1			
	TR39697 c0_g1_i1.p1			
EM00156	TR12008 c1_g1_i1.p1	TR16238 c0_g1_i1.p1	TR25366 c0_g2_i1.p1	
	TR14059 c0_g1_i1.p1	TR19599 c1_g1_i1.p1	TR20848 c0_g1_i1.p1	TR12048 c0_g1_i3.p1
		TR24059 c0_g1_i1.p1	TR22048 c0_g1_i1.p1	TR13540 c0_g1_i1.p1
		TR25104 c0_g1_i1.p1	TR14101 c0_g1_i1.p1	
			TR22265 c0_g1_i1.p1	
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	TR13760 c0_g2_i1.p1	TR13767 c0_g2_i1.p1	TR35887 c0_g1_i1.p1	TR32260 c0_g1_i1.p1
	TR717 c0_g2_i1.p1	TR1786 c0_g1_i1.p1	TR44122 c0_g1_i1.p1	
	TR717 c0_g4_i3.p1	TR18425 c0_g1_i1.p1		
	TR44470 c0_g1_i1.p1	TR19779 c0_g1_i1.p1		
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	TR37300 c0_g1_i1.p1			
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	TR33229 c0_g3_i1.p1	TR27805 c0_g1_i1.p1	TR26188 c4_g1_i1.p1	
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	TR14507 c0_g1_i1.p1			
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	TR37360 c1_g1_i1.p1	TR783 c0_g1_i1.p1	TR36351 c0_g13_i1.p1	
	TR14145 c0_g1_i1.p1		TR27349 c0_g1_i1.p1	
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	TRINITY_DN2544_c0_g1_i1.p1			
	TRINITY_DN4590_c0_g1_i1.p1			

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		TRINITY_DN2454_c0_g1_i7.p1			TRINITY_DN12195_c0_g1_i10.p1
		TRINITY_DN252_c0_g1_i13.p1			TRINITY_DN5930_c0_g1_i7.p1
		TRINITY_DN2920_c0_g1_i4.p1			TRINITY_DN5930_c0_g2_i3.p1
YZ0016		TRINITY_DN2955_c1_g1_i4.p1	TRINITY_DN3401_c0_g1_i2.p1		TRINITY_DN2374_c0_g1_i9.p1
		TRINITY_DN2955_c0_g1_i6.p1	TRINITY_DN346_c0_g1_i6.p1		TRINITY_DN23261_c1_g2_i3.p1
		TRINITY_DN4396_c0_g1_i16.p1	TRINITY_DN38692_c0_g1_i5.p1		TRINITY_DN1420_c0_g1_i9.p1
			TRINITY_DN45775_c0_g1_i1.p1		TRINITY_DN989_c0_g6_i1.p1
			TRINITY_DN45775_c0_g1_i1.p1		TRINITY_DN989_c0_g1_i2.p1
			TRINITY_DN5613_c1_g1_i17.p1		TRINITY_DN989_c0_g3_i3.p1
			TRINITY_DN5613_c1_g1_i17.p1		TRINITY_DN989_c0_g2_i2.p1
			TRINITY_DN61024_c0_g2_i2.p1		TRINITY_DN989_c0_g2_i2.p2
			TRINITY_DN61024_c0_g2_i2.p1		TRINITY_DN63876_c0_g1_i1.p1
			TRINITY_DN7420_c0_g2_i1.p1		
					TRINITY_DN10578_c0_g1_i1.p1
YZ0017		TRINITY_DN5723_c2_g3_i1.p1			TRINITY_DN21173_c0_g1_i1.p1
YZ0018		TRINITY_DN9361_c0_g1_i2.p1			
		TRINITY_DN38878_c0_g1_i1.p1			
YZ0020					
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		TRINITY_DN8340_c0_g1_i7.p1			TRINITY_DN11278_c0_g1_i3.p1
YZ0023		TRINITY_DN1906_c0_g1_i13.p2	TRINITY_DN161415_c0_g1_i1.p1		TRINITY_DN10343_c0_g1_i3.p1
		TRINITY_DN1906_c0_g2_i3.p1	TRINITY_DN180843_c0_g1_i1.p1		TRINITY_DN12400_c0_g2_i1.p1
		TRINITY_DN100328_c0_g1_i1.p1			TRINITY_DN1090_c0_g2_i1.p1
					TRINITY_DN1984_c0_g1_i6.p1
YZ0025					TRINITY_DN1380_c0_g1_i4.p1
					TRINITY_DN1380_c0_g2_i1.p1
YZ0026		TRINITY_DN91408_c0_g1_i1.p1	TRINITY_DN12112_c0_g1_i1.p1		TRINITY_DN1466_c0_g1_i7.p1
		TRINITY_DN51415_c0_g1_i2.p1	TRINITY_DN24983_c0_g4_i1.p1		TRINITY_DN2313_c0_g1_i12.p1
		TRINITY_DN657_c0_g3_i1.p1	TRINITY_DN27183_c0_g1_i1.p1		TRINITY_DN14986_c0_g1_i1.p1
		TRINITY_DN11299_c0_g1_i1.p1	TRINITY_DN3055_c0_g2_i1.p1		TRINITY_DN35856_c0_g2_i1.p1
		TRINITY_DN32137_c0_g1_i2.p1	TRINITY_DN5121_c0_g1_i1.p1		TRINITY_DN20580_c1_g1_i5.p1
		TRINITY_DN892_c0_g1_i2.p1	TRINITY_DN641_c0_g1_i7.p1		TRINITY_DN21925_c0_g1_i1.p1
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					TRINITY_DN641_c0_g1_i7.p1
					TRINITY_DN8556_c1_g1_i3.p1
YZ0027		TRINITY_DN102121_c0_g1_i1.p1	TRINITY_DN1045_c0_g2_i2.p1		TRINITY_DN2738_c0_g1_i4.p1
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		TRINITY_DN86120_c0_g1_i1.p1	TRINITY_DN3015_c0_g2_i3.p1		TRINITY_DN12660_c0_g1_i2.p1
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					TRINITY_DN12660_c1_g1_i1.p1
					TRINITY_DN8125_c0_g1_i1.p1
					TRINITY_DN8125_c0_g2_i1.p1
					TRINITY_DN9370_c0_g1_i12.p1
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		TRINITY_DN5867_c0_g2_i8.p1	TRINITY_DN15995_c0_g1_i4.p1		
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		TRINITY_DN8245_c0_g1_i1.p1	TRINITY_DN73453_c0_g1_i1.p1		TRINITY_DN31838_c0_g1_i2.p1
		TRINITY_DN13071_c0_g2_i1.p1			TRINITY_DN26786_c0_g1_i2.p1
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					TRINITY_DN1737_c1_g1_i4.p2

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