	direct 1.1  direct 2.1  direct 4.2  direct 6.1	
inverted_1.1 inverted_2.1 inverted_3.1	inverted 4.1  inverted 4.1  inverted 5.1  inverted 6.2  inverted 9.2  inverted 7.1  inverted 7.2  inverted 7.2  inverted 7.2  inverted 7.2  inverted 2.2  inverted 2.2  inverted 2.2	
direct_8.1	direct_10.1 direct_12.1 direct_13.1	direct_10.2 direct_11.2 direct_13.2
	direct_1.2 direct_5.2 direct_6.2 direct_7.2	