

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50					
1	HMGV	QTFP	TRNP	PLRA	MTFS	DYTC	PLRA	APRH	HMGV	PLRA	QTFP	LEQP	GMFS	FALP	APRH	DYTC	PLRA	TRNP	QTFP	APRH	LEQP	FALP	HMGV	MTFS	QTFP	GMFS	DYTC	LEQP	APRH	FALP	TRNP	PLRA	DYTC	HMGV	QTFP	GMFS	FALP	MTFS	LEQP	DYTC	APRH	TRNP	GMFS	QTFP	HMGV	FALP	MTFS	APRH	LEQP	DYTC					
2	TRNP	FALP	DYTC	HMGV	GMFS	LEQP	QTFP	PLRA	APRH	MTFS	LEQP	FALP	HMGV	GMFS	DYTC	QTFP	APRH	PLRA	MTFS	GMFS	HMGV	QTFP	FALP	LEQP	APRH	DYTC	PLRA	MTFS	GMFS	HMGV	QTFP	FALP	DYTC	LEQP	APRH	PLRA	MTFS	QTFP	GMFS	FALP	DYTC	HMGV	LEQP	APRH	TRNP	MTFS	PLRA	QTFP	FALP	GMFS					
3	MTFS	HMGV	DYTC	QTFP	FALP	GMFS	LEQP	APRH	PLRA	TRNP	QTFP	GMFS	HMGV	FALP	LEQP	DYTC	APRH	MTFS	PLRA	GMFS	DYTC	HMGV	QTFP	FALP	LEQP	APRH	MTFS	PLRA	TRNP	HMGV	QTFP	GMFS	FALP	DYTC	LEQP	APRH	MTFS	PLRA	QTFP	FALP	HMGV	GMFS	DYTC	LEQP	APRH	TRNP	MTFS	PLRA	QTFP	FALP					
4	PLRA	DYTC	APRH	QTFP	HMGV	GMFS	GDV	GDV	GDV	GDV	GDV	GDV	GDV	GDV	GDV	GDV	GDV	GDV	GDV	GDV	GDV	GDV	GDV	GDV	GDV	GDV	KVEA	KVEA	KVEA	KVEA	KVEA	KVEA	KVEA	KVEA	KVEA	KVEA	KVEA	KVEA	KVEA	KVEA	KVEA	KVEA	KVEA	KVEA	KVEA	KVEA	KVEA	PLRA	TRNP	GMFS	FALP	DYTC	HMGV		
5	HMGV	FALP	GMFS	QTFP	DYTC	VHL	APRH	PLRA	MTFS	QTFP	GMFS	FALP	HMGV	DYTC	LEQP	APRH	PLRA	MTFS	GMFS	HMGV	QTFP	FALP	DYTC	LEQP	APRH	MTFS	PLRA	TRNP	HMGV	QTFP	GMFS	FALP	DYTC	LEQP	APRH	MTFS	PLRA	QTFP	FALP	GMFS	HMGV	DYTC	LEQP	APRH	VHL	PLRA	QTFP	FALP	GMFS	HMGV					
6	QTFP	DYTC	PLRA	APRH	HMGV	VHL	GMFS	MTFS	LEQP	QTFP	GMFS	FALP	HMGV	DYTC	LEQP	APRH	PLRA	MTFS	GMFS	HMGV	QTFP	FALP	DYTC	LEQP	APRH	MTFS	PLRA	TRNP	HMGV	QTFP	GMFS	FALP	DYTC	LEQP	APRH	MTFS	PLRA	QTFP	FALP	GMFS	HMGV	DYTC	LEQP	APRH	VHL	PLRA	QTFP	FALP	GMFS	HMGV					
7	TRNP	PLRA	MTFS	QTFP	HMGV	VHL	FALP	LEQP	GMFS	APRH	QTFP	GMFS	FALP	HMGV	DYTC	LEQP	APRH	PLRA	MTFS	GMFS	HMGV	QTFP	FALP	DYTC	LEQP	APRH	MTFS	PLRA	TRNP	HMGV	QTFP	GMFS	FALP	DYTC	LEQP	APRH	MTFS	PLRA	QTFP	FALP	GMFS	HMGV	DYTC	LEQP	VHL	MTFS	PLRA	QTFP	FALP	GMFS					
8	MTFS	APRH	QTFP	GMFS	QTFP	VHL	LEQP	FALP	TRNP	HMGV	DYTC	GMFS	PLRA	QTFP	FALP	HMGV	DYTC	LEQP	APRH	PLRA	MTFS	GMFS	HMGV	QTFP	FALP	DYTC	LEQP	APRH	MTFS	PLRA	TRNP	HMGV	QTFP	GMFS	FALP	DYTC	LEQP	APRH	MTFS	PLRA	QTFP	FALP	HMGV	VHL	LEQP	APRH	MTFS	PLRA	QTFP						
9	PLRA	QTFP	TRNP	PLRA	MTFS	VHL	PLRA	APRH	HMGV	PLRA	QTFP	LEQP	GMFS	FALP	APRH	DYTC	PLRA	TRNP	QTFP	APRH	LEQP	FALP	HMGV	MTFS	QTFP	GMFS	DYTC	LEQP	APRH	FALP	TRNP	PLRA	DYTC	HMGV	QTFP	GMFS	FALP	MTFS	LEQP	DYTC	APRH	TRNP	GMFS	QTFP	VHL	FALP	MTFS	APRH	LEQP	DYTC					
10	DYTC	FALP	DYTC	HMGV	GMFS	VHL	QTFP	PLRA	APRH	MTFS	LEQP	FALP	HMGV	GMFS	DYTC	QTFP	APRH	PLRA	MTFS	GMFS	HMGV	QTFP	FALP	LEQP	APRH	DYTC	PLRA	MTFS	GMFS	HMGV	QTFP	FALP	DYTC	LEQP	APRH	PLRA	MTFS	QTFP	GMFS	FALP	DYTC	HMGV	LEQP	APRH	VHL	MTFS	PLRA	QTFP	FALP	GMFS					
11	GMFS	HMGV	DYTC	QTFP	FALP	VHL	LEQP	APRH	PLRA	TRNP	QTFP	GMFS	HMGV	FALP	LEQP	DYTC	APRH	MTFS	PLRA	GMFS	DYTC	HMGV	QTFP	FALP	LEQP	APRH	MTFS	PLRA	TRNP	HMGV	QTFP	GMFS	FALP	DYTC	LEQP	APRH	MTFS	PLRA	QTFP	FALP	HMGV	GMFS	DYTC	LEQP	VHL	TRNP	MTFS	PLRA	QTFP	FALP					
12	QTFP	DYTC	APRH	QTFP	HMGV	VHL	LEQP	FALP	MTFS	QTFP	GMFS	FALP	HMGV	DYTC	LEQP	APRH	PLRA	MTFS	GMFS	HMGV	QTFP	FALP	DYTC	LEQP	APRH	MTFS	PLRA	QTFP	FALP	GMFS	HMGV	DYTC	LEQP	LEQP	MTFS	PLRA	QTFP	FALP	GMFS	HMGV	DYTC	LEQP	APRH	MTFS	VHL	TRNP	GMFS	FALP	DYTC	HMGV					
13	TRNP	PLRA	MTFS	QTFP	HMGV	VHL	FALP	LEQP	GMFS	APRH	QTFP	GMFS	FALP	HMGV	DYTC	LEQP	APRH	PLRA	MTFS	GMFS	HMGV	QTFP	FALP	DYTC	LEQP	APRH	MTFS	PLRA	TRNP	HMGV	QTFP	FALP	FALP	DYTC	LEQP	APRH	MTFS	PLRA	QTFP	FALP	GMFS	HMGV	DYTC	LEQP	VHL	MTFS	PLRA	QTFP	FALP	GMFS					
14	MTFS	APRH	QTFP	GMFS	QTFP	VHL	LEQP	FALP	TRNP	HMGV	DYTC	GMFS	PLRA	QTFP	DYTC	GMFS	TRNP	HMGV	DYTC	GMFS	TRNP	HMGV	CCTS	CCTS	CCTS	CCTS	VHL	VHL	VHL	VHL	QTFP	GMFS	FALP	GMFS	QTFP	GMFS	FALP	MTFS	MTFS	PLRA	QTFP	FALP	GMFS	HMGV	VHL	LEQP	APRH	MTFS	PLRA	QTFP					
15	HMGV	QTFP	TRNP	PLRA	MTFS	VHL	PLRA	APRH	HMGV	PLRA	QTFP	LEQP	GMFS	FALP	DYTC	LEQP	APRH	HMGV	MTFS	MTFS	KVEA	GDV	PLRA	QTFP	FALP	PLRA	QTFP	FALP	FALP	GDV	KVEA	DYTC	LEQP	HMGV	APRH	PLRA	MTFS	QTFP	LEQP	DYTC	APRH	TRNP	GMFS	QTFP	VHL	FALP	MTFS	APRH	LEQP	DYTC					
16	FALP	FALP	DYTC	HMGV	GMFS	VHL	QTFP	PLRA	APRH	MTFS	LEQP	FALP	HMGV	GMFS	DYTC	GMFS	TRNP	HMGV	CCTS	VHL	PLRA	QTFP	APRH	MTFS	PLRA	APRH	MTFS	PLRA	MTFS	PLRA	QTFP	GPP	MRE	LEQP	LEQP	APRH	MTFS	PLRA	GMFS	FALP	DYTC	HMGV	LEQP	APRH	VHL	MTFS	PLRA	QTFP	FALP	GMFS					
17	HMGV	HMGV	DYTC	QTFP	FALP	VHL	LEQP	APRH	PLRA	TRNP	QTFP	GMFS	HMGV	FALP	DYTC	LEQP	APRH	GPP	MRE	GMFS	PLRA	QTFP	MTFS	APRH	LEQP	MTFS	APRH	LEQP	TRNP	MTFS	PLRA	MTFS	CCTS	VHL	MTFS	PLRA	QTFP	FALP	QTFP	FALP	HMGV	GMFS	DYTC	LEQP	VHL	TRNP	MTFS	PLRA	QTFP	FALP					
18	DYTC	DYTC	APRH	QTFP	HMGV	VHL	LEQP	FALP	MTFS	QTFP	GMFS	FALP	HMGV	DYTC	DYTC	LEQP	CCTS	VHL	GMFS	QTFP	APRH	MTFS	PLRA	MTFS	MTFS	PLRA	QTFP	MTFS	PLRA	QTFP	FALP	GMFS	KVEA	PLRA	MTFS	FALP	GMFS	HMGV	DYTC	LEQP	APRH	MTFS	VHL	TRNP	GMFS	FALP	DYTC	HMGV							
19	GMFS	HMGV	DYTC	QTFP	FALP	VHL	LEQP	APRH	PLRA	TRNP	QTFP	GMFS	FALP	HMGV	DYTC	GPP	MRE	GMFS	QTFP	APRH	MTFS	APRH	LEQP	CCTS	TRNP	MTFS	PLRA	TRNP	MTFS	PLRA	APRH	MTFS	PLRA	QTFP	GDV	CCTS	MTFS	FALP	QTFP	FALP	HMGV	GMFS	DYTC	LEQP	VHL	TRNP	MTFS	PLRA	QTFP	FALP					
20	QTFP	DYTC	APRH	QTFP	HMGV	VHL	LEQP	FALP	MTFS	QTFP	GMFS	FALP	PLRA	QTFP	KVEA	GDV	GMFS	QTFP	APRH	HMGV	DYTC	LEQP	YVRGR	VHL	MTS	PLRA	QTFP	FALP	GMFS	GMFS	MTFS	APRH	LEQP	DYTC	MTFS	VHL	QTFP	FALP	GMFS	HMGV	DYTC	LEQP	APRH	MTFS	VHL	TRNP	GMFS	FALP	DYTC	HMGV					
21	TRNP	PLRA	MTFS	QTFP	HMGV	VHL	FALP	LEQP	GMFS	APRH	QTFP	GMFS	GMFS	GPP	MRE	MTFS	QTFP	APRH	HMGV	HMGV	DYTC	LEQP	LEQP	GPP	PLRA	QTFP	FALP	GMFS	APRH	TRNP	GMFS	QTFP	PLRA	QTFP	HMGV	DYTC	KVEA	FALP	QTFP	FALP	GMFS	HMGV	DYTC	LEQP	VHL	MTFS	PLRA	QTFP	FALP	GMFS					
22	TRNP	PLRA	MTFS	QTFP	HMGV	VHL	FALP	LEQP	GMFS	APRH	QTFP	GMFS	GPP	APRH	PLRA	MTFS	APRH	HMGV	HMGV	GMFS	HMGV	DYTC	DYTC	MRE	APRH	MTFS	PLRA	QTFP	DYTC	HMGV	LEQP	APRH	LEQP	DYTC	HMGV	DYTC	GDV	FALP	QTFP	FALP	GMFS	HMGV	DYTC	LEQP	VHL	MTFS	PLRA	QTFP	FALP	GMFS					
23	MTFS	APRH	QTFP	GMFS	QTFP	VHL	LEQP	FALP	TRNP	HMGV	DYTC	GMFS	GPP	GMFS	MTFS	LEQP	HMGV	HMGV	GMFS	HMGV	FALP	PLRA	QTFP	FALP	GMFS	APRH	LEQP	APRH	TRNP	GMFS	QTFP	MTFS	CCTS	DYTC	GMFS	HMGV	FALP	GPP	MTFS	PLRA	QTFP	FALP	GMFS	HMGV	VHL	LEQP	APRH	MTFS	PLRA	QTFP					
24	MTFS	HMGV	DYTC	QTFP	FALP	VHL	LEQP	APRH	PLRA	TRNP	QTFP	GMFS	GPP	FALP	LEQP	GMFS	HMGV	GMFS	HMGV	DYTC	APRH	APRH	MTFS	PLRA	QTFP	APRH	TRNP	DYTC	HMGV	LEQP	APRH	YVRGR	VHL	MTS	DYTC	LEQP	QTFP	GPP	QTFP	FALP	HMGV	GMFS	DYTC	LEQP	VHL	TRNP	MTFS	PLRA	QTFP	FALP					
25	PLRA	DYTC	APRH	QTFP	HMGV	CCTS	LEQP	FALP	MTFS	QTFP	GMFS	FALP	MRE	LEQP	FALP	TRNP	HMGV	HMGV	DYTC	APRH	PLRA	GMFS	QTFP	LEQP	DYTC	DYTC	HMGV	LEQP	APRH	FALP	DYTC	LEQP	GPP	FALP	GMFS	FALP	MTFS	MRE	GMFS	HMGV	DYTC	LEQP	APRH	MTFS	CCTS	TRNP	GMFS	FALP	DYTC	HMGV					
26	HMGV	FALP	GMFS	QTFP	DYTC	CCTS	APRH	PLRA	MTFS	QTFP	GMFS	FALP	MRE	LEQP	FALP	TRNP	TRNP	TRNP	CCTS	DYTC	FALP	LEQP	APRH	LEQP	APRH	MTFS	PLRA	TRNP	HMGV	QTFP	GMFS	FALP	MRE	APRH	FALP	FALP	APRH	MRE	FALP	GMFS	HMGV	DYTC	LEQP	APRH	CCTS	PLRA	QTFP	FALP	GMFS	HMGV					
27	QTFP	DYTC	PLRA	APRH	HMGV	CCTS	GMFS	MTFS	LEQP	QTFP	GMFS	FALP	MRE	PLRA	APRH	HMGV	HMGV	YVRGR	VHL	MTS	FALP	MTFS	MTFS	GDV	GDV	GDV	KVEA	KVEA	KVEA	FALP	DYTC	LEQP	FALP	PLRA	APRH	FALP	DYTC	LEQP	FALP	PLRA	APRH	MTS	QTFP	FALP	GMFS	HMGV	DYTC	LEQP	APRH	CCTS	PLRA	QTFP	FALP	GMFS	HMGV
28	TRNP	PLRA	MTFS	QTFP	HMGV	CCTS	FALP	LEQP	GMFS	APRH	QTFP	GMFS	MTFS	MTS	APRH	HMGV	HMGV	HMGV	GPP	FALP	APRH	GPP	MTS	YVRGR	FALP	MTFS	HMGV	DYTC	MTFS	MTS	YVRGR	MTFS	APRH	PLRA	APRH	CCTS	VHL	LEQP	QTFP	FALP	GMFS	HMGV	DYTC	LEQP	CCTS	MTFS	PLRA	QTFP	FALP	GMFS					
29	MTFS	APRH	QTFP	GMFS	QTFP	CCTS	LEQP	FALP	TRNP	HMGV	DYTC	GMFS	LEQP	YVRGR	MTS	HMGV	HMGV	GMFS	MRE	FALP	PLRA	MRE	MTFS	MTFS	APRH	CCTS	HMGV	DYTC	CCTS	FALP	YVRGR	MTS	PLRA	PLRA	APRH	QTFP	YVRGR	QTFP	MTFS	PLRA	QTFP	FALP	GMFS	HMGV	CCTS	LEQP	APRH	MTFS	PLRA	QTFP					
30	PLRA	QTFP	TRNP	PLRA	MTFS	CCTS	PLRA	APRH	HMGV	PLRA	QTFP	LEQP	GMFS	QTFP	YVRGR	MTS	HMGV	LEQP	FALP	APRH	GPP	APRH	TRNP	GMFS	PLRA	VHL	GMFS	HMGV	VHL	APRH	FALP	FALP	DYTC	LEQP	GPP	GMFS	HMGV	DYTC	LEQP	DYTC	APRH	TRNP	GMFS	QTFP	CCTS	FALP	MTFS	APRH	LEQP	DYTC					
31	HMGV	FALP	GMFS	QTFP	DYTC	CCTS	APRH	PLRA	MTFS	QTFP	GMFS	FALP	TRNP	LEQP	QTFP	YVRGR	HMGV	LEQP	APRH	PLRA	MRE	DYTC	HMGV	LEQP	FALP	GPP	DYTC	LEQP	GPP	FALP	FALP	QTFP	GMFS	FALP	MRE	QTFP	FALP	GMFS	FALP	GMFS	HMGV	DYTC	LEQP	APRH	CCTS	PLRA	QTFP	FALP	GMFS	HMGV					
32	QTFP	DYTC	PLRA	APRH	HMGV	CCTS	GMFS	MTFS	LEQP	QTFP	GMFS	FALP	GMFS	HMGV	DYTC	QTFP	MTS	YVRGR	PLRA	MTS	APRH	TRNP	GMFS	QTFP	APRH	MRE	GMFS	FALP	MRE	APRH	APRH	CCTS	MTS	YVRGR	DYTC	APRH	TRNP	GMFS	FALP	GMFS	HMGV	DYTC	LEQP	APRH	CCTS	PLRA	QTFP	FALP	GMFS	HMGV					
33	TRNP	PLRA	MTFS	QTFP	HMGV	CCTS	FALP	LEQP	GMFS	APRH	QTFP	GMFS	QTFP	FALP	GMFS	GMFS	HMGV	DYTC	CCTS	VHL	DYTC	HMGV	LEQP	APRH	PLRA	MTFS	PLRA	MTFS	FALP	FALP	PLRA	VHL	QTFP	QTFP	HMGV	HMGV	DYTC	LEQP	QTFP	FALP	GMFS	HMGV	DYTC	LEQP	CCTS										