

STATE	NEXTSTATE	INPUT									OUTPUT			CYCLE	TEMPS MIS A '1'	TEMPS MIS A '0'	MARQUE
		athome	findfood	lostfood	closetofood	success	aboverestth	abovesearcht	scantimeup	rest	food	search					
FROM IDLE TO IDLE																	
IDLE	RESTING	0	0	0	0	0	0	0	0	1	0	0	1	25	35	1	
FROM IDLE TO RESTING													RESET	44	45		
IDLE	RESTING	0	0	0	0	0	0	0	0	1	0	0	2	45	55	2	
RESTING	RESTING	0	0	0	0	0	0	0	0	0	0	0	3	65	75		
FROM IDLE TO RANDOMWALK													RESET	84	85	3	
IDLE	RESTING	0	0	0	0	0	0	0	0	1	0	0	4	85	95		
RESTING	RANDOMWALK	0	0	0	0	0	1	0	0	0	0	1	5	105	115		
RANDOMWALK	RANDOMWALK	0	0	0	0	0	0	0	0	0	0	0	6	125	135		
FROM IDLE TO MOVETOFOOD													RESET	144	145	4	
IDLE	RESTING	0	0	0	0	0	0	0	0	1	0	0	7	145	155		
RESTING	RANDOMWALK	0	0	0	0	0	1	0	0	0	0	1	8	165	175		
RANDOMWALK	MOVETOFOOD	0	1	0	0	0	0	0	0	0	0	0	9	185	195		
MOVETOFOOD	MOVETOFOOD	0	0	0	0	0	0	0	0	0	0	0	10	205	215	5	
FROM IDLE TO GRABFOOD													RESET	224	225		
IDLE	RESTING	0	0	0	0	0	0	0	0	1	0	0	11	225	235		
RESTING	RANDOMWALK	0	0	0	0	0	1	0	0	0	0	1	12	245	255		
RANDOMWALK	MOVETOFOOD	0	1	0	0	0	0	0	0	0	0	0	13	265	275	6	
MOVETOFOOD	GRABFOOD	0	0	0	1	0	0	0	0	0	1	0	14	285	295		
GRABFOOD	GRABFOOD	0	0	0	0	0	0	0	0	0	0	0	15	305	315		
FROM IDLE T MOVETOHOME													RESET	324	325		
IDLE	RESTING	0	0	0	0	0	0	0	0	1	0	0	16	325	335	7	
RESTING	RANDOMWALK	0	0	0	0	0	1	0	0	0	0	1	17	345	355		
RANDOMWALK	MOVETOFOOD	0	1	0	0	0	0	0	0	0	0	0	18	365	375		
MOVETOFOOD	GRABFOOD	0	0	0	1	0	0	0	0	0	1	0	19	385	395		
GRABFOOD	MOVETOHOME	0	0	0	0	1	0	0	0	0	0	0	20	405	415	8	
MOVETOHOME	MOVETOHOME	0	0	0	0	0	0	0	0	0	0	0	21	425	435		
FROM IDLE TO DEPOSIT													RESET	444	445		
IDLE	RESTING	0	0	0	0	0	0	0	0	1	0	0	22	445	455		
RESTING	RANDOMWALK	0	0	0	0	0	1	0	0	0	0	1	23	465	475	9	
RANDOMWALK	MOVETOFOOD	0	1	0	0	0	0	0	0	0	0	0	24	485	495		
MOVETOFOOD	GRABFOOD	0	0	0	1	0	0	0	0	0	1	0	25	505	515		
GRABFOOD	MOVETOHOME	0	0	0	0	1	0	0	0	0	0	0	26	525	535		
MOVETOHOME	DEPOSIT	1	0	0	0	0	0	0	0	0	0	0	27	545	555	10	
DEPOSIT	DEPOSIT	0	0	0	0	0	0	0	0	0	0	0	28	565	575		
FROM IDLE TO SCAN AREA													RESET	584	585		
IDLE	RESTING	0	0	0	0	0	0	0	0	1	0	0	29	585	595		
RESTING	RANDOMWALK	0	0	0	0	0	1	0	0	0	0	1	30	605	615	11	
RANDOMWALK	MOVETOFOOD	0	1	0	0	0	0	0	0	0	0	0	31	625	635		
MOVETOFOOD	SCANAREA	0	0	1	0	0	0	0	0	0	0	0	32	645	655		
SCANAREA	SCANAREA	0	0	0	0	0	0	0	0	0	0	0	33	665	675		
FROM IDLE TO HOMING VIA SCANAREA													RESET	684	685	12	
IDLE	RESTING	0	0	0	0	0	0	0	0	1	0	0	34	685	695		
RESTING	RANDOMWALK	0	0	0	0	0	1	0	0	0	0	1	35	705	715		
RANDOMWALK	MOVETOFOOD	0	1	0	0	0	0	0	0	0	0	0	36	725	735		
MOVETOFOOD	SCANAREA	0	0	1	0	0	0	0	0	0	0	0	37	745	755	13	
SCANAREA	HOMING	0	0	0	0	0	0	1	0	0	0	0	38	765	775		
HOMING	HOMING	0	0	0	0	0	0	0	0	0	0	0	39	785	795		
FROM IDLE TO HOMING VIA MOVETOFOOD													RESET	804	805		
IDLE	RESTING	0	0	0	0	0	0	0	0	1	0	0	40	805	815	14	
RESTING	RANDOMWALK	0	0	0	0	0	1	0	0	0	0	1	41	825	835		
RANDOMWALK	MOVETOFOOD	0	1	0	0	0	0	0	0	0	0	0	42	845	855		
MOVETOFOOD	HOMING	0	0	0	0	0	0	1	0	0	0	0	43	865	875		
HOMING	HOMING	0	0	0	0	0	0	0	0	0	0	0	44	885	895	15	
FROM IDLE TO HOMING VIA RANDOMWALK													RESET	904	905		
IDLE	RESTING	0	0	0	0	0	0	0	0	1	0	0	45	905	915		
RESTING	RANDOMWALK	0	0	0	0	0	1	0	0	0	0	1	46	925	935		
RANDOMWALK	HOMING	0	0	0	0	0	0	1	0	0	0	0	47	945	955	16	
HOMING	HOMING	0	0	0	0	0	0	0	0	0	0	0	48	965	975		
FROM IDLE TO RESTING VIA HOMMING													RESET	984	985		
IDLE	RESTING	0	0	0	0	0	0	0	0	1	0	0	49	985	995		
RESTING	RANDOMWALK	0	0	0	0	0	1	0	0	0	0	1	50	1005	1015	17	
RANDOMWALK	HOMING	0	0	0	0	0	0	1	0	0	0	0	51	1025	1035		
HOMING	RESTING	1	0	0	0	0	0	0	0	1	0	0	52	1045	1055		
FROM IDLE TO RESTING VIA DEPOSIT													RESET	1064	1065		
IDLE	RESTING	0	0	0	0	0	0	0	0	1	0	0	53	1065	1075	18	
RESTING	RANDOMWALK	0	0	0	0	0	1	0	0	0	0	1	54	1085	1095		
RANDOMWALK	MOVETOFOOD	0	1	0	0	0	0	0	0	0	0	0	55	1105	1115		
MOVETOFOOD	GRABFOOD	0	0	0	1	0	0	0	0	0	1	0	56	1125	1135		
GRABFOOD	MOVETOHOME	0	0	0	0	1	0	0	0	0	0	0	57	1145	1155	19	
MOVETOHOME	DEPOSIT	1	0	0	0	0	0	0	0	0	0	0	58	1165	1175		
DEPOSIT	RESTING	0	0	0	0	1	0	0	0	1	0	0	59	1185	1195		
FROM IDLE TO MOVETOFOOD VIA SCANAREA													RESET	1204	1205		
IDLE	RESTING	0	0	0	0	0	0	0	0	1	0	0	60	1205	1215	20	
RESTING	RANDOMWALK	0	0	0	0	0	1	0	0	0	0	1	61	1225	1235		
RANDOMWALK	MOVETOFOOD	0	1	0	0	0	0	0	0	0	0	0	62	1245	1255		
MOVETOFOOD	SCANAREA	0	0	1	0	0	0	0	0	0	0	0	64	1285	1295		
SCANAREA	MOVETOFOOD	0	1	0	0	0	0	0	0	0	0	0	65	1305	1315	21	
FROM IDLE TO RANDOMWALK VIA SCANAREA													RESET	1324	1325		
IDLE	RESTING	0	0	0	0	0	0	0	0	1	0	0	66	1325	1335		
RESTING	RANDOMWALK	0	0	0	0	0	1	0	0	0	0	1	67	1345	1355		
RANDOMWALK	MOVETOFOOD	0	1	0	0	0	0	0	0	0	0	0	68	1365	1375		
MOVETOFOOD	SCANAREA	0	0	1	0	0	0	0	0	0	0	0	69	1385	1395	22	
SCANAREA	RANDOMWALK	0	0	0	0	0	0	0	1	0	0	0	70	1405	1415		