	Feature	Definition
IceTag Monitor		
1	Standing	% time Standing
2	Active	% time Active
3	Lying	% time Lying
4	Steps	Number of steps
GPS Collar		
5	HeadDown	% time with head down
6	X_Act	X position actuator
7	Y_Act	Y position actuator
8	Distance	Distance in meters
Derived from sensors inputs		
9	DFL1	Euclidean distance from actual position to one position forward
10	DFL2	Euclidean distance from actual position to two position forward
11	DFL3	Euclidean distance from actual position to three position forward
12	DFA12	Acumulative Euclidean distance from actual position to two position forward
13	DFA123	Acumulative Euclidean distance from actual position to three position forward
14	DBL1	Euclidean distance from actual position to one position backward
15	DBL2	Euclidean distance from actual position to two position backward
16	DBL3	Euclidean distance from actual position to three position backward
17	DBA12	Acumulative Euclidean distance from actual position to two position backward
18	DBA123	Acumulative Euclidean distance from actual position to three position backward
19	VarXY	Variance between for X and Y positions
20	DiffXY	Difference between X and Y positions
21	MeanXY	Aritmetic mean between X and Y positions
Lagged Variables		
22	prev_Standing1	% time Standing one step backward
23	prev_Standing2	% time Standing two steps backward
24	prev_Standing3	% time Standing three steps backward
25	prev_Active1	% time Active one step backward
26	prev_Active2	% time Active two steps backward
27	prev_Active3	% time Active three steps backward
28	prev_Lying1	% time Lying one step backward
29	prev_Lying2	% time Lying two steps backward
30	prev_Lying3	% time Lying three steps backward
31	prev_steps1	Number of steps one step backward
32	prev_steps2	Number of steps two steps backward
33	prev_steps3	Number of steps three steps backward
34	prev_headdown1	% time with head down one step backward
35	prev_headdown2	% time with head down two steps backward
36	prev_headdown3	% time with head down three steps backward