```
digraph LimeVendorLTS
{
 overlap=false
 size="8,5"
 node [shape = doublecircle];
 q0[ label ="q0" ]
 node [shape = circle];
 q1 [ label = "q1" ];
 q2 [ label = "q2" ];
 q3 [ label = "q3" ];
 q4 [ label = "q4" ];
 q5 [ label = "q5" ];
 q6 [ label = "q6" ];
 q7 [ label = "q7" ];
 q8 [ label = "q8" ];
 q9 [ label = "q9" ];
 q10 [ label = "q10" ];
 q11 [ label = "q11" ];

 q0 -> q1 [ label = "?uSearch" ];
 q1 -> q2 [ label = "!Rdg(Browse) " ];

 q2 -> q1 [ label = "?uSearch" ];
 q2 -> q3 [ label = "?TupleList(Browse)" ];
 q3 -> q4 [ label = "!Rdg(GetInfo)" ];

 q4 -> q1 [ label = "?uSearch" ];
 q4 -> q5 [ label = "?TupleList(Info)" ];
 q5 -> q6 [ label = "!uDisplay" ];
 q6 -> q1 [ label = "?uSearch" ];
 q6 -> q7 [ label = "?uOrder" ];
 q7 -> q8 [ label = "!Out(Request)" ];
 q8 -> q9 [ label = "!ReactsTo(Response)" ];
 q9 -> q10 [ label = "?Notification(Response)" ];
 q10 -> q11 [ label = "!In(Response)" ];
 q11 -> q12  [ label = "?Tuple(No)" ];
 q12 -> q6 [ label = "!uDisplay" ];


 q11 -> q13  [ label = "?Tuple(Yes)" ];
 q13 -> q14 [ label = "!ReactsTo(Proximity)" ];
 q14 -> q15 [ label = "?Notification(Proximity)" ];
 q15 -> q16 [ label = "!In(Proximity)" ];
 q16 -> q0 [ label = "?Tuple(Proximity)" ];
```

}