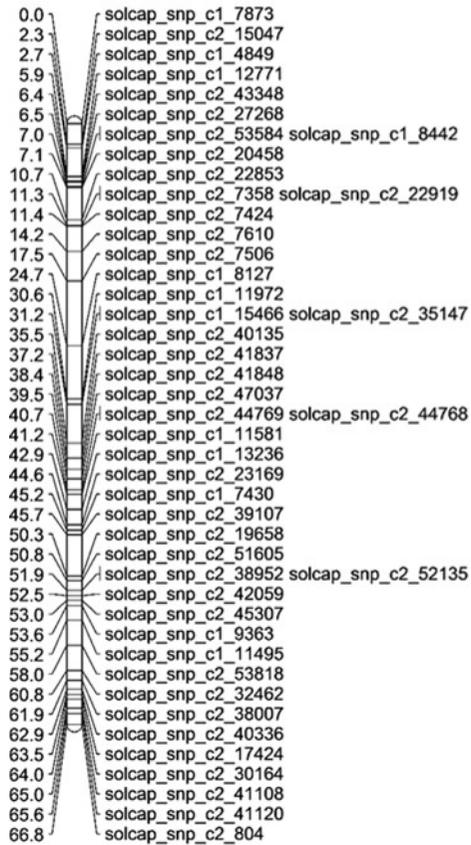
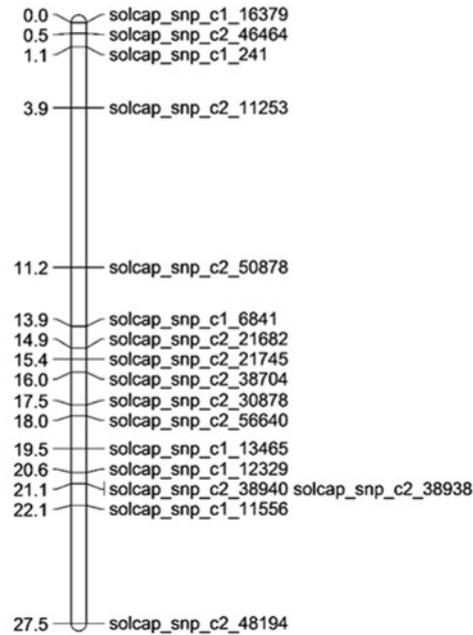


**Figure S1: Linkage groups constructed in JoinMap<sup>®</sup>4 with single dose SNP markers segregating in the P208 population. The four linkage groups represent potato chromosome 1.**

LG 2\_1



LG 2\_2



LG 2\_3

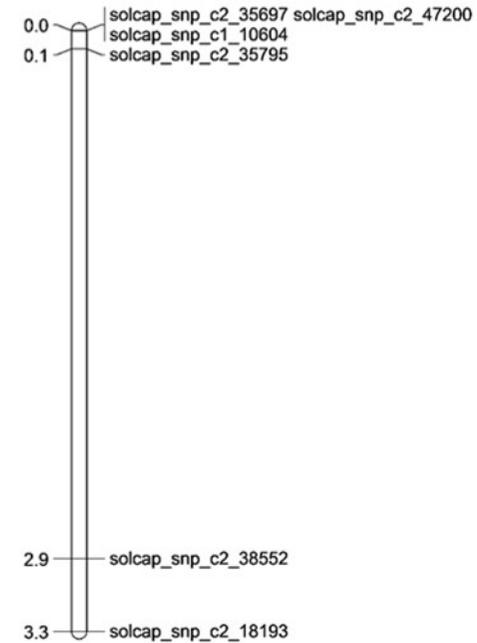
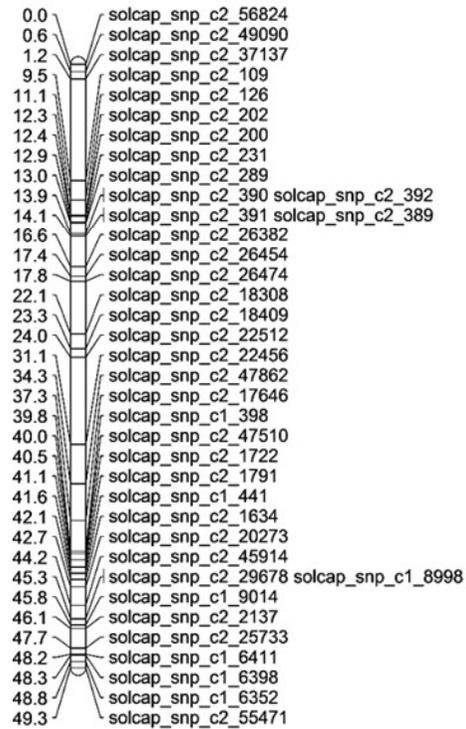
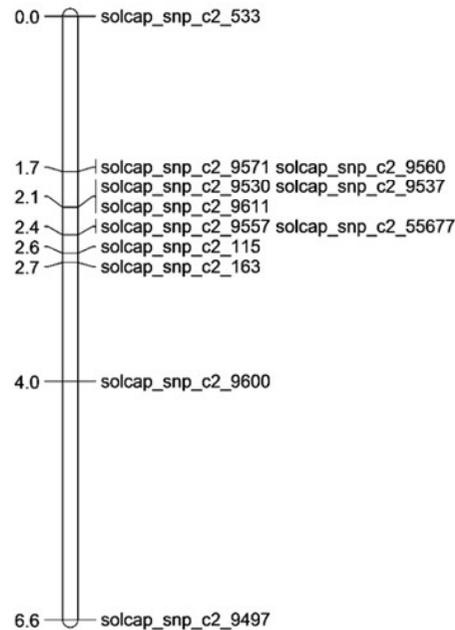


Figure S2: Linkage groups constructed in JoinMap<sup>®</sup>4 with single dose SNP markers segregating in the P208 population. The three linkage groups represent potato chromosome 2.

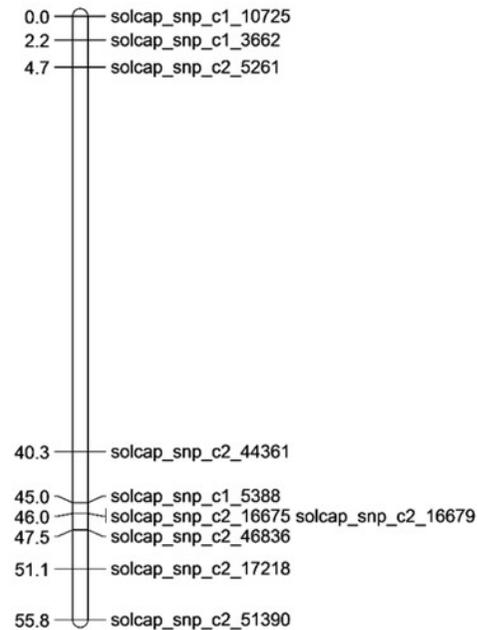
LG 3\_1



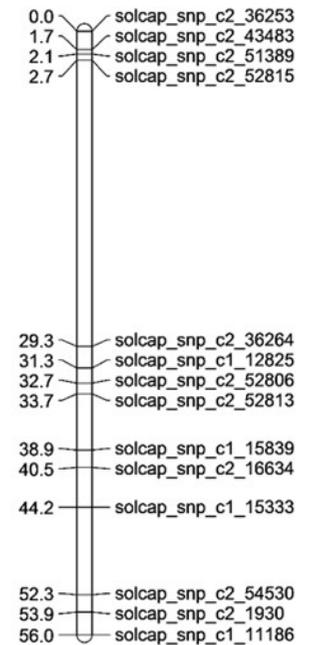
LG 3\_2



LG 3\_3

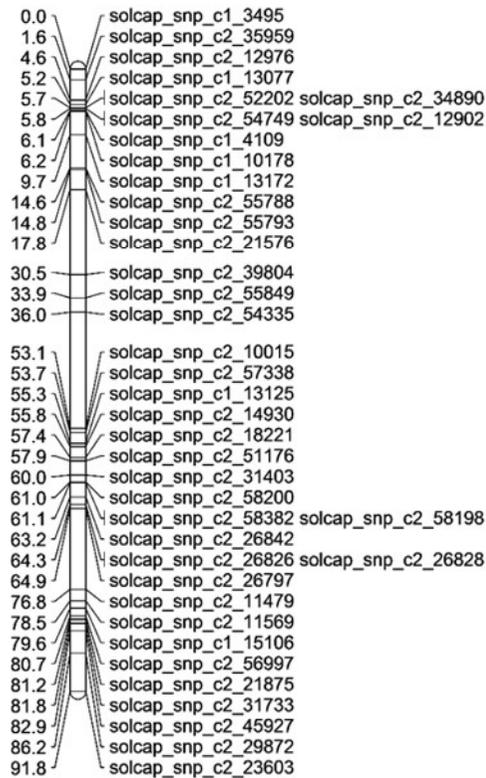


LG 3\_4

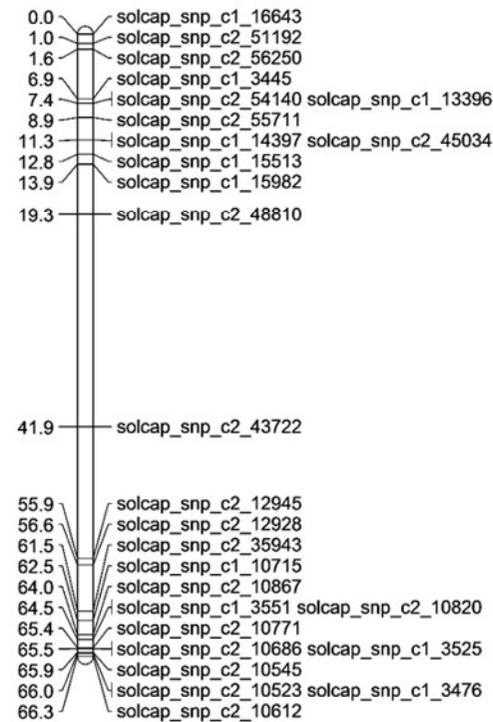


**Figure S3: Linkage groups constructed in JoinMap<sup>®</sup>4 with single dose SNP markers segregating in the P208 population. The four linkage groups represent potato chromosome 3.**

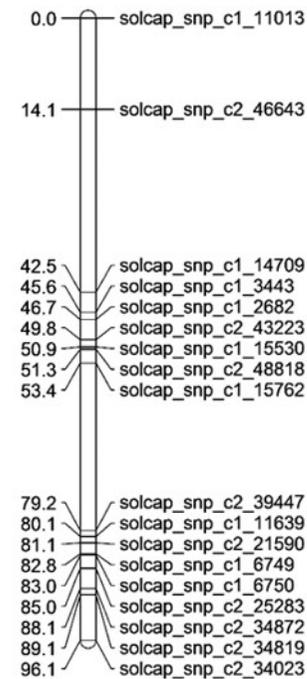
LG 4\_1



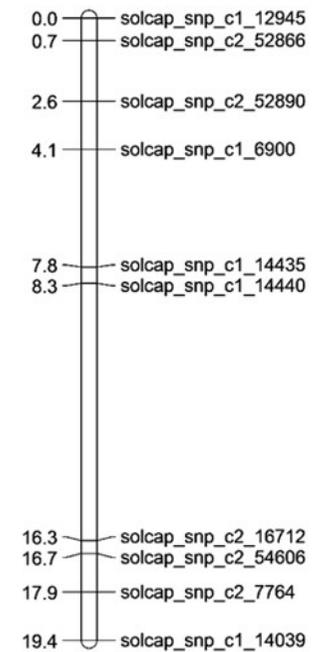
LG 4\_2



LG 4\_3

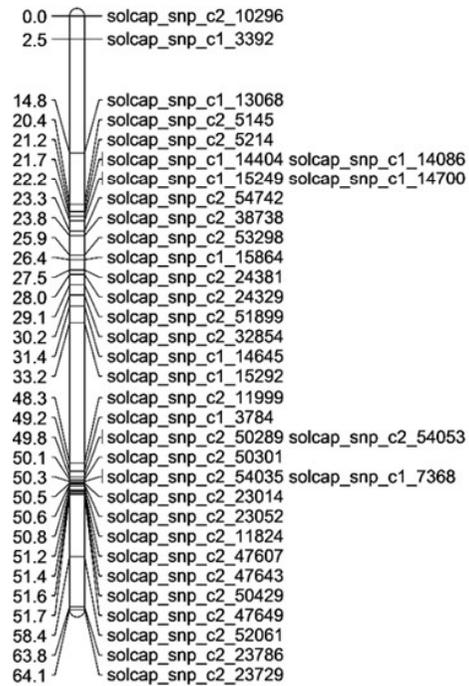


LG 4\_4

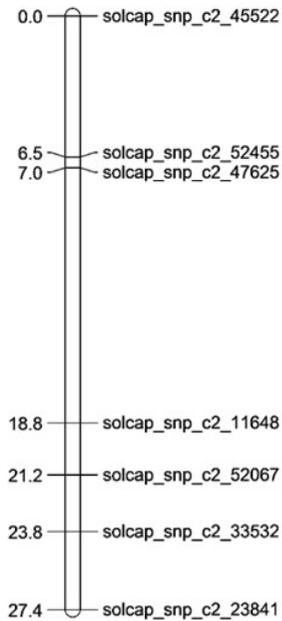


**Figure S4: Linkage groups constructed in JoinMap®4 with single dose SNP markers segregating in the P208 population. The four linkage groups represent potato chromosome 4.**

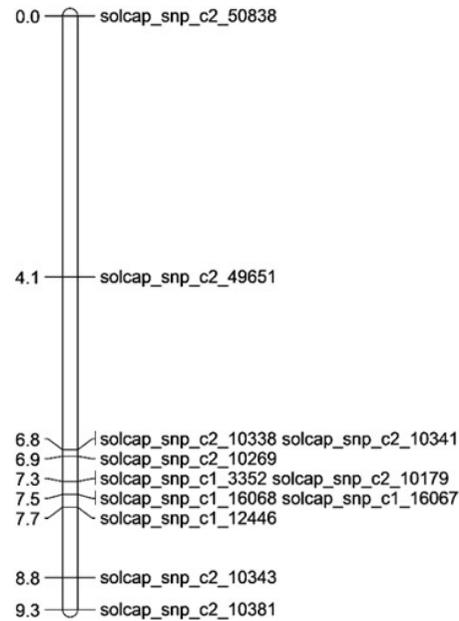
LG 5\_1



LG 5\_2



LG 5\_3



LG 5\_4

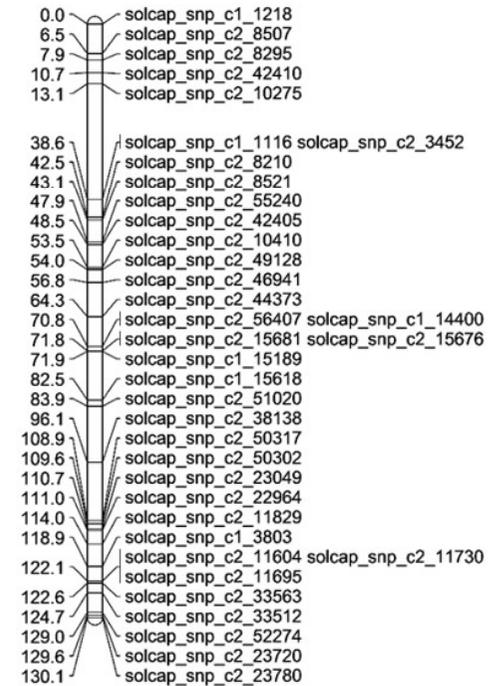
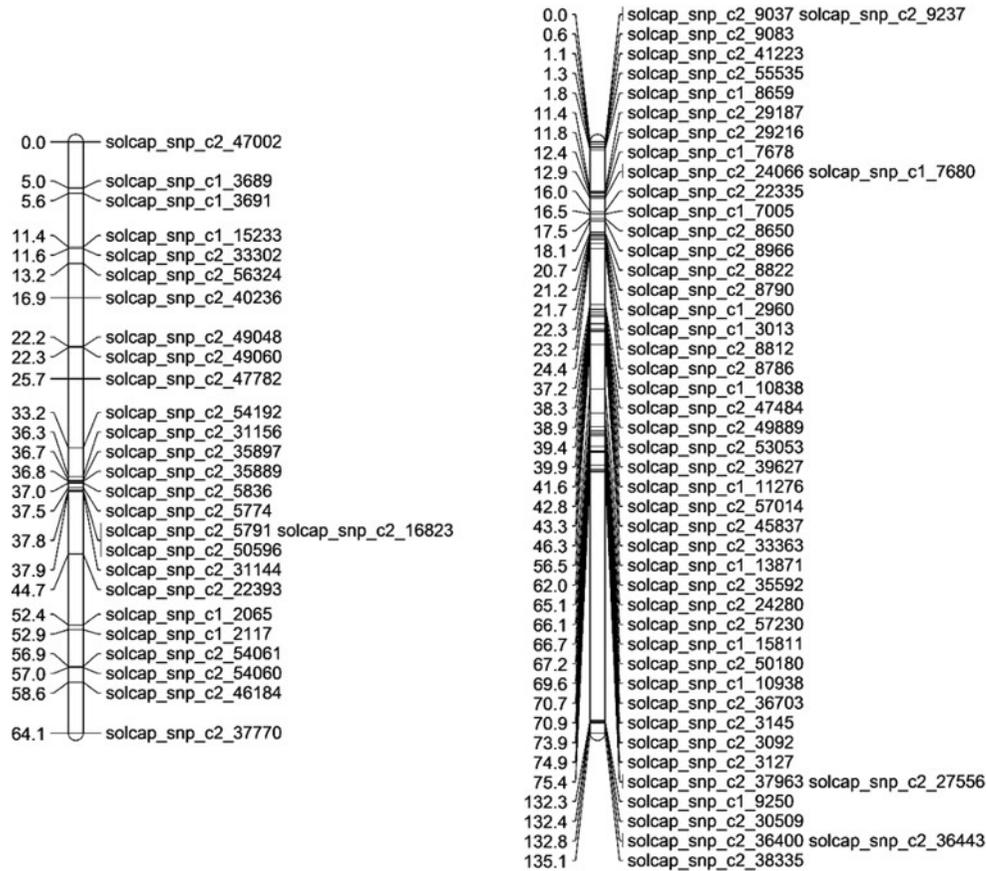


Figure S5: Linkage groups constructed in JoinMap®4 with single dose SNP markers segregating in the P208 population. The four linkage groups represent potato chromosome 5.

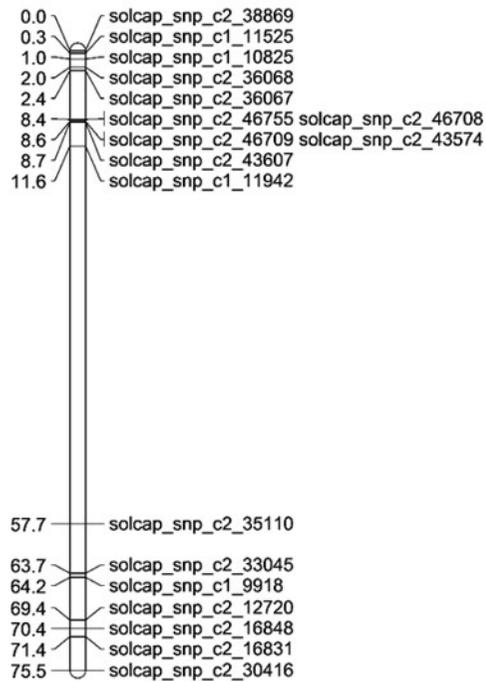
LG 6\_1

LG 6\_2

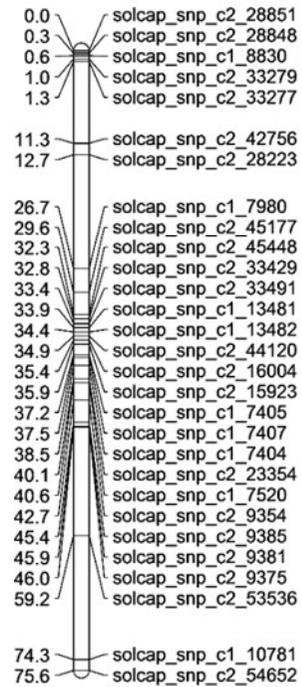


**Figure S6: Linkage groups constructed in JoinMap®4 with single dose SNP markers segregating in the P208 population. The two linkage groups represent potato chromosome 6.**

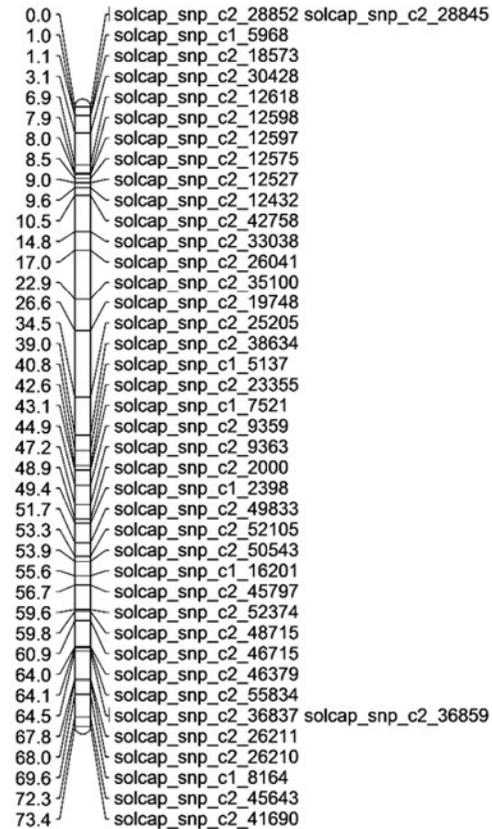
LG 7\_1



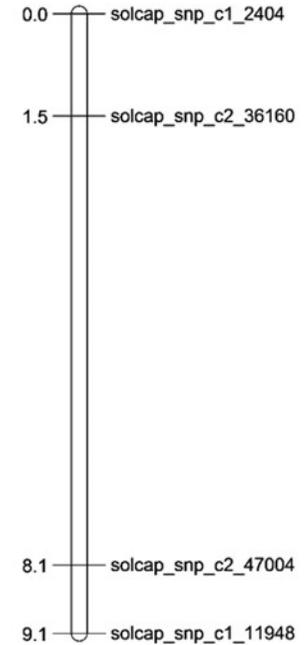
LG 7\_2



LG 7\_3

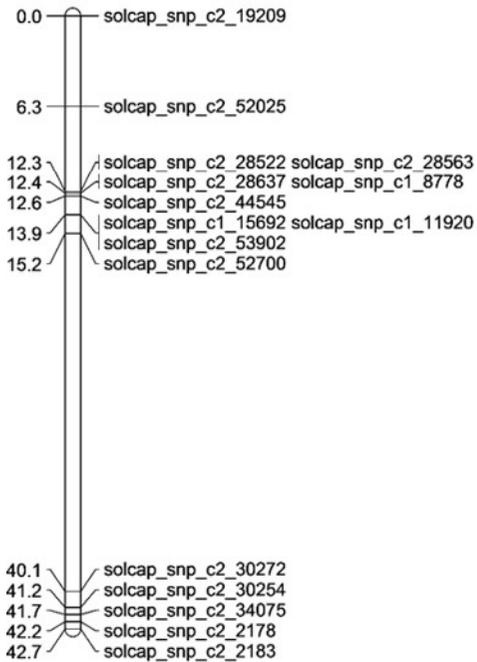


LG 7\_4

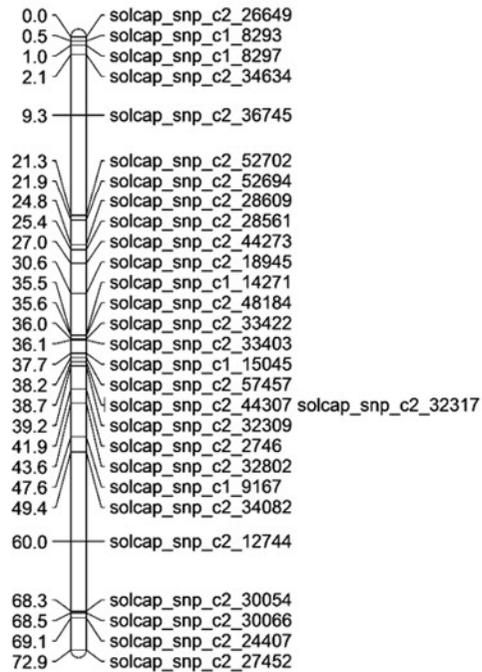


**Figure S7: Linkage groups constructed in JoinMap®4 with single dose SNP markers segregating in the P208 population. The four linkage groups represent potato chromosome 7.**

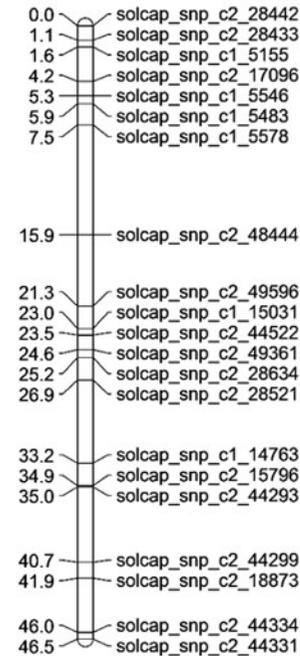
LG 8\_1



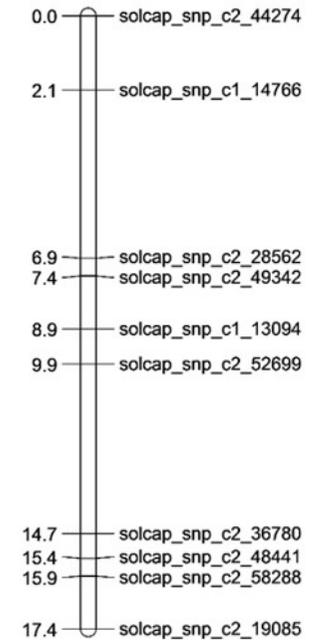
LG 8\_2



LG 8\_3

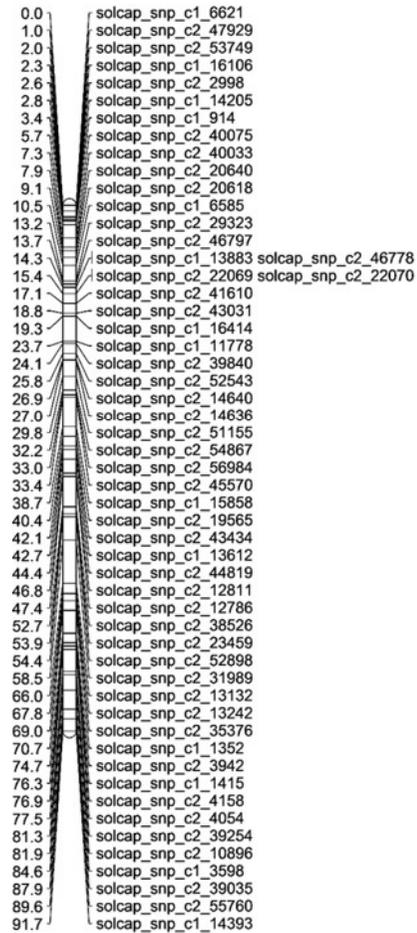


LG 8\_4

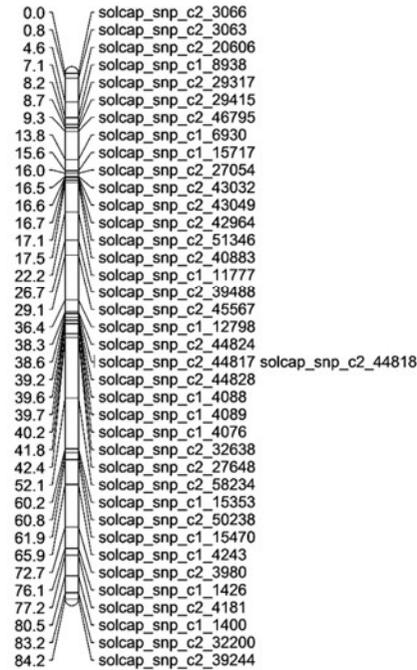


**Figure S8: Linkage groups constructed in JoinMap®4 with single dose SNP markers segregating in the P208 population. The four linkage groups represent potato chromosome 8.**

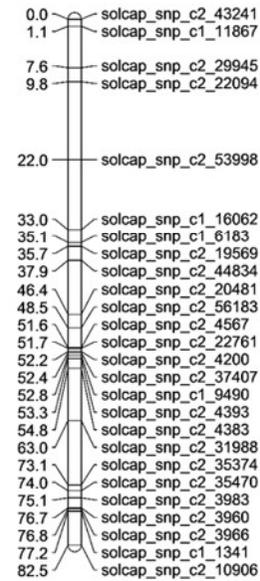
LG 9\_1



LG 9\_2



LG 9\_3



LG 9\_4

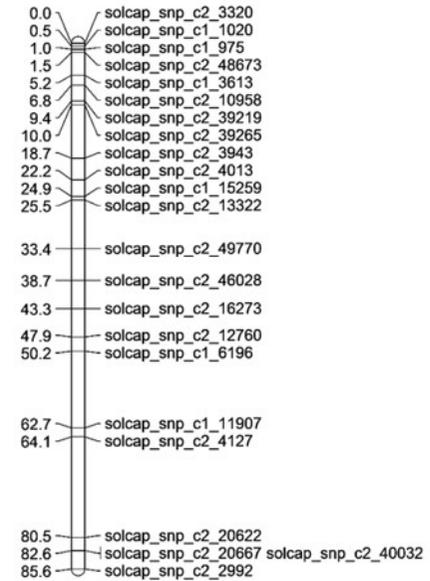
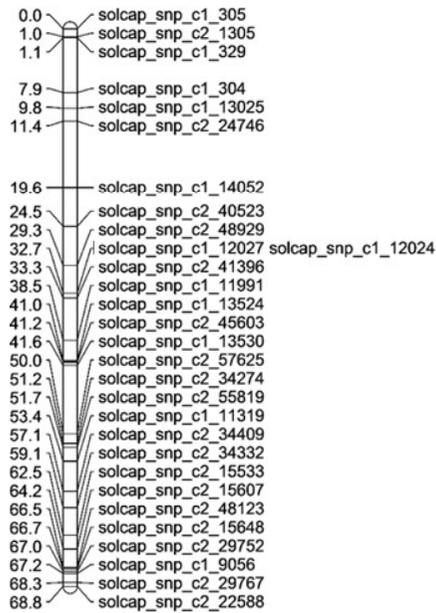
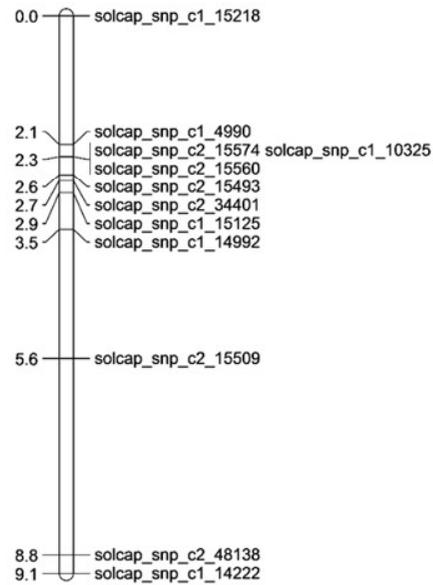


Figure S9: Linkage groups constructed in JoinMap<sup>®</sup>4 with single dose SNP markers segregating in the P208 population. The four linkage groups represent potato chromosome 9.

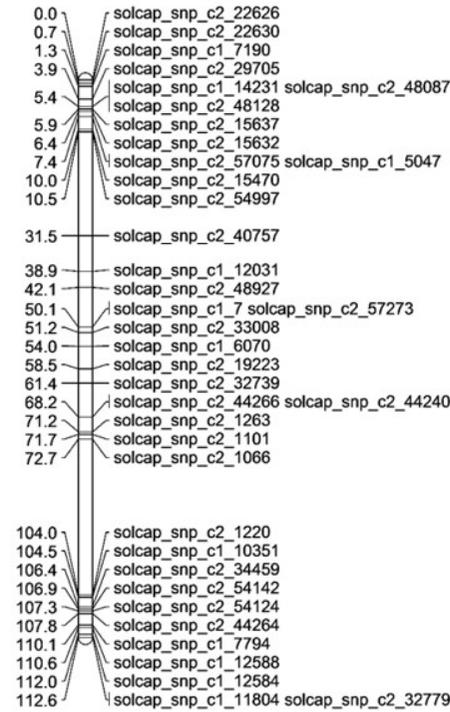
LG 10\_1



LG 10\_2



LG 10\_3



LG 10\_4

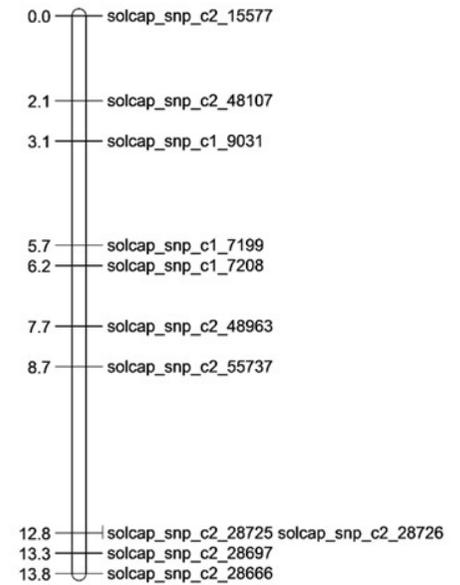
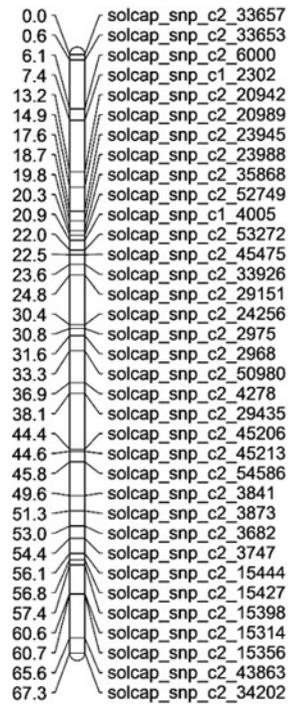
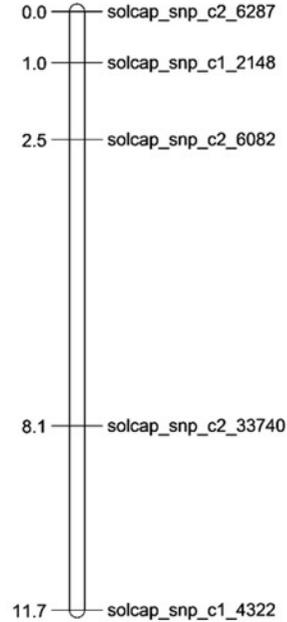


Figure S10: Linkage groups constructed in JoinMap®4 with single dose SNP markers segregating in the P208 population. The four linkage groups represent potato chromosome 10.

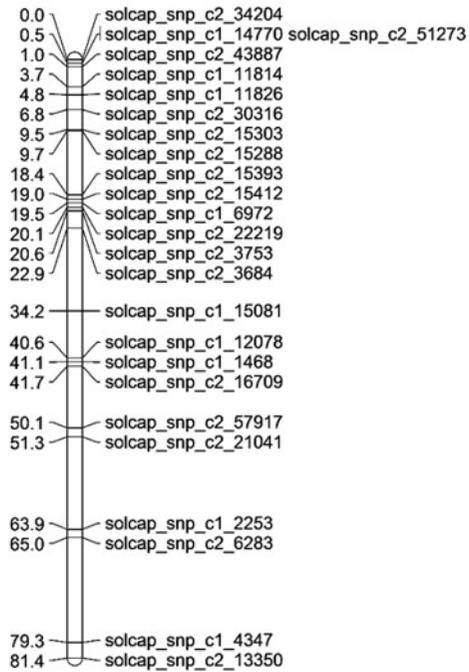
LG 11\_1



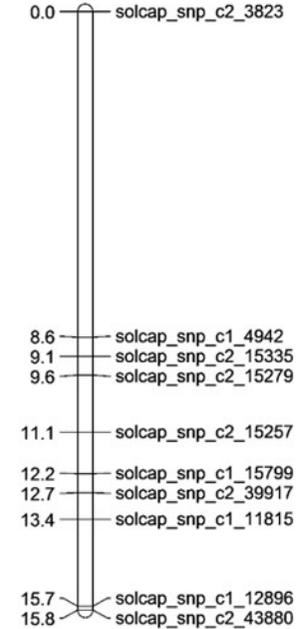
LG 11\_2



LG 11\_3



LG 11\_4



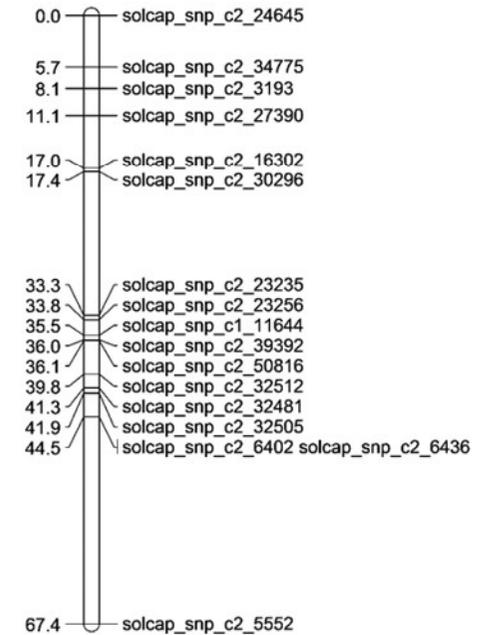
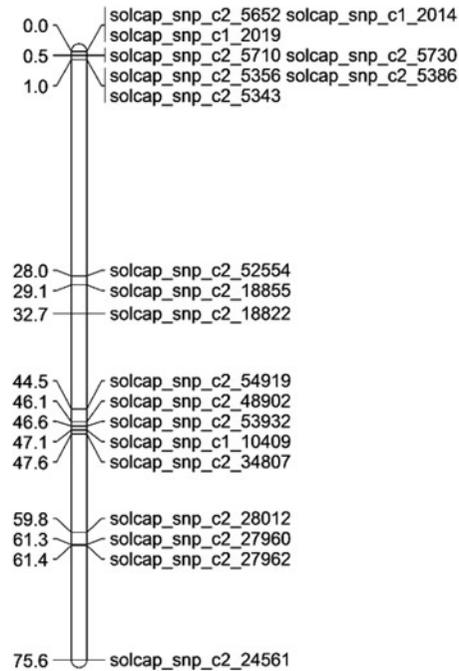
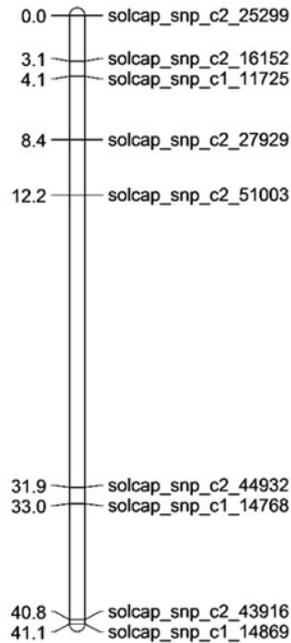
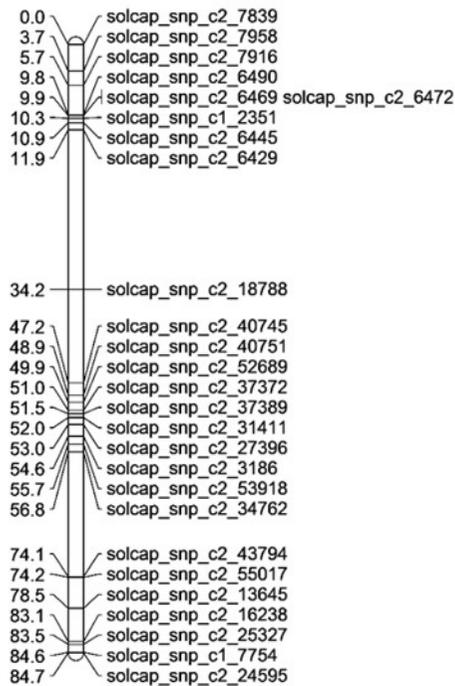
**Figure S11: Linkage groups constructed in JoinMap®4 with single dose SNP markers segregating in the P208 population. The four linkage groups represent potato chromosome 11.**

LG 12\_1

LG 12\_2

LG 12\_3

LG 12\_4



**Figure S12: Linkage groups constructed in JoinMap®4 with single dose SNP markers segregating in the P208 population. The four linkage groups represent potato chromosome 12.**