As an example of transformation of Cluster Complex according to the sequencing size is shown in Figure 1

**Conclusion:** Artificial methods of subspecies typing gives a relative picture of the genetic relationship and clonal structure of microorganisms.

http://dx.doi.org/10.1016/j.ijid.2016.02.715

**Type:** Poster Presentation

Final Abstract Number: 42.254
Session: Poster Session II
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**Table 1**

<table>
<thead>
<tr>
<th>Enzyme</th>
<th>Recognition sequence</th>
<th>Median of band number</th>
<th>#different types</th>
<th>Discriminatory index</th>
<th>Confidence interval (95% CI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>XbaI</td>
<td>TCTAGA</td>
<td>39</td>
<td>131</td>
<td>0.999</td>
<td>[0.998 - 1.0]</td>
</tr>
<tr>
<td>Sse6647I</td>
<td>AG6WCC</td>
<td>73</td>
<td>131</td>
<td>0.999</td>
<td>[0.998 - 1.0]</td>
</tr>
<tr>
<td>Apal</td>
<td>GGCCC</td>
<td>77</td>
<td>132</td>
<td>0.999</td>
<td>[0.998 - 1.0]</td>
</tr>
<tr>
<td>AclN</td>
<td>ACTAGT</td>
<td>79</td>
<td>129</td>
<td>0.999</td>
<td>[0.998 - 1.0]</td>
</tr>
<tr>
<td>SrfI</td>
<td>GCGGGGCC</td>
<td>51</td>
<td>131</td>
<td>0.999</td>
<td>[0.998 - 1.0]</td>
</tr>
<tr>
<td>Sdil</td>
<td>GCGCHNNGGGCC</td>
<td>38</td>
<td>129</td>
<td>0.999</td>
<td>[0.998 - 1.0]</td>
</tr>
<tr>
<td>wgMLST</td>
<td>2216 loci</td>
<td>-</td>
<td>-</td>
<td>0.999</td>
<td>[0.998 - 1.0]</td>
</tr>
</tbody>
</table>

The concordance between different PFGEs and wgMLST calculated on cluster complex is presented in Table 2.

**Conclusion:** PFGE using different restriction enzymes, which have different site restriction and produce different number (27-130) of band, have not shown the advance in discriminatory power and concordance with wgMLST.

http://dx.doi.org/10.1016/j.ijid.2016.02.716

**Type:** Poster Presentation

Final Abstract Number: 42.255
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**Hemophagocytic Lymphohistiocytosis (HLH) secondary to infections- Experience at a tertiary care centre**

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**Background:** Hemophagocytic Lymphohistiocytosis (HLH) is a rare potentially life-threatening disorder characterized by immune dysregulation, overwhelming immune activation and inflammation. This condition can occur as primary or secondary to infections, autoimmune diseases and malignancies. HLH secondary to infections is an important clinical entity especially in tropical countries. We report our experience of HLH from our hospital.

**Methods & Materials:** Materials and Methods: This is a retrospective analysis of clinical information of patients presented to our hospital between March 2012 and November 2015. All fulfilled the revised criteria of HLH 2004. This condition can occur as primary or secondary to infections, autoimmune diseases and malignancies. HLH secondary to infections is an important clinical entity especially in tropical countries. We report our experience of HLH from our hospital.

**Results:** Total 5 cases were segregated with secondary HLH diagnosis. The mean age at diagnosis was 34 years (with a