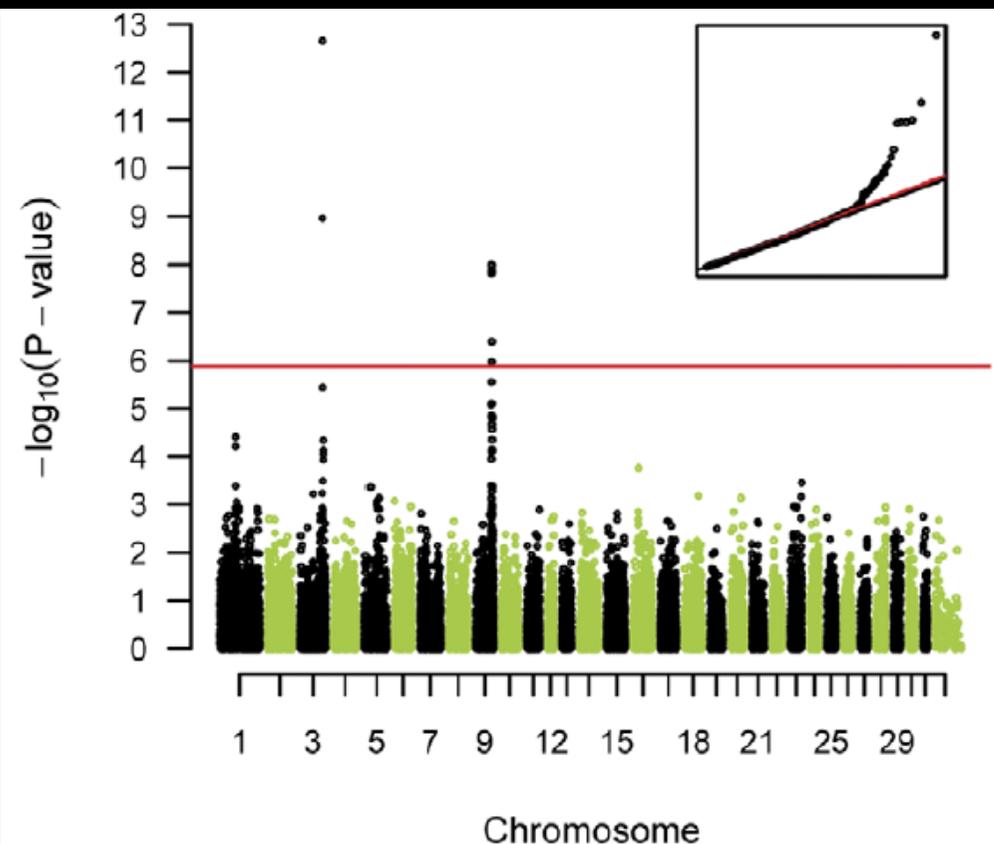


Aufklärung eines Grössen-QTL beim Pferd sowie aktuelle Entwicklungen bei Genomsequenzierungen

Tosso Leeb

A Genome-Wide Association Study Reveals Loci Influencing Height and Other Conformation Traits in Horses

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A non-synonymous *HMGGA2* variant decreases height in Shetland ponies and other small horses

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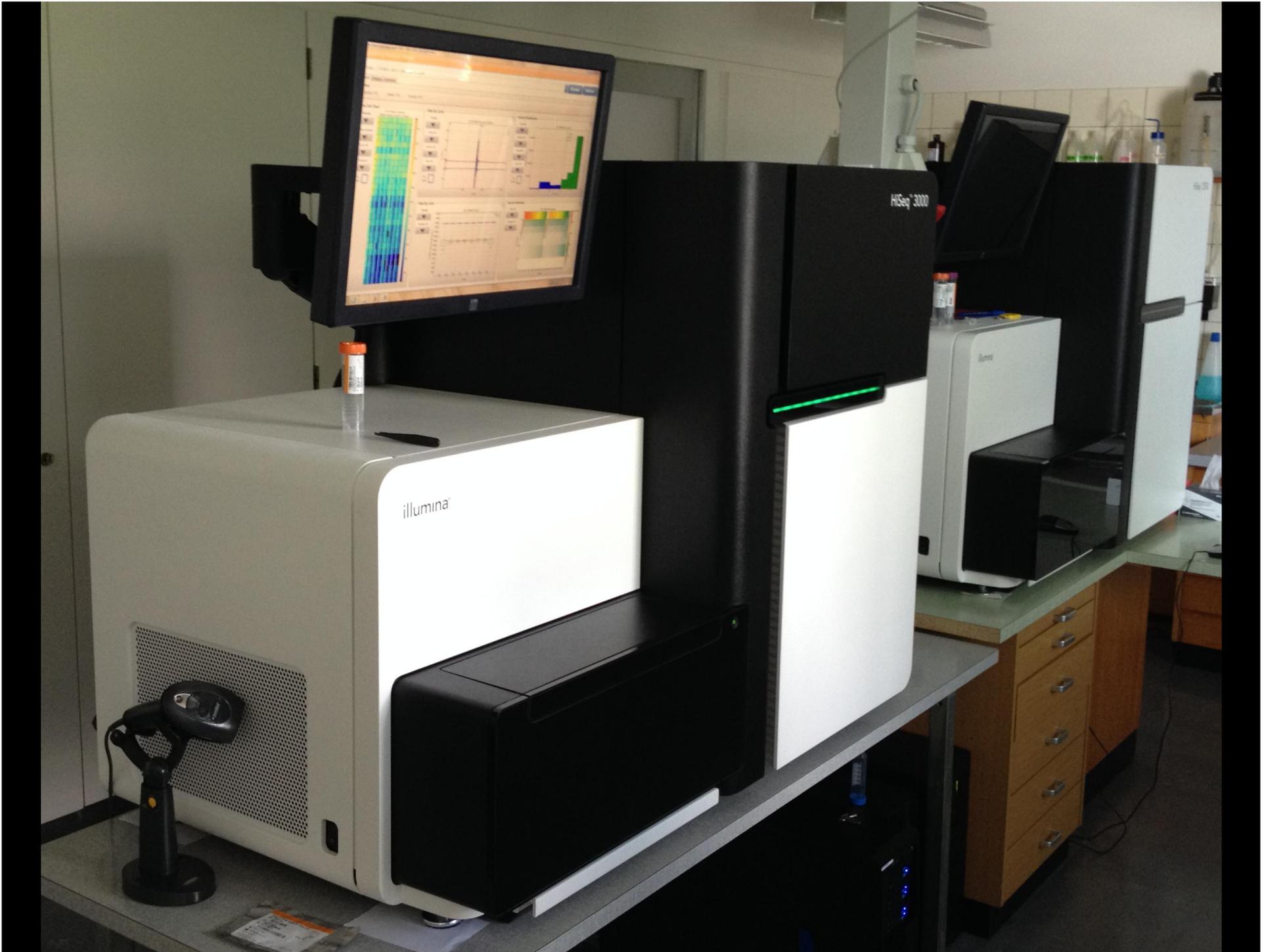
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Aktuelle Spezifikationen

1 lane HiSeq3000: 300 Mio. Sequenzen à 2 x 150 bp, 90 Gb Daten, >80% Q30

1 Rindergenom mit 25x coverage: Fr. 2'800.-

1 Rindergenom mit 12x coverage: Fr. 1'500.-

in Bern sequenzierte Genome

Mensch	4
Rind	94
Pferd	56
Ziege	11
Büffel	1
Kaninchen	5
Hund	123
Katze	3
Lemuren	3
Springbock	1
Gesamt	301