

# Pippi Anna Karolina Engstedt – A Brorström Relative

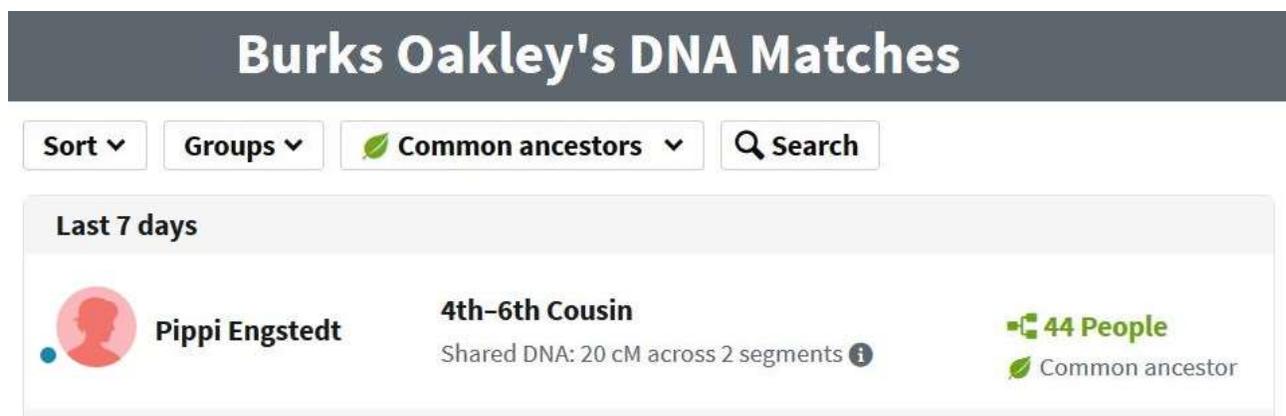
By Burks Oakley II  
1 November 2019

## *Introduction*

I am interested in genetic genealogy, which to me means using DNA matches to confirm and to extend my family tree. For the past few years, I have been accessing the Ancestry.com website on a daily basis to research my DNA matches, both on my father's side (with ancestors going back to Colonial America in the 1600's) and on my mother's side (with ancestors going back to her four grandparents' roots in Sweden). Although many of my new DNA matches do not have their family trees on Ancestry.com, occasionally one does, and this narrative is about one such person.

## *Discovering my DNA Match with Pippi Engstedt*

When I view my DNA matches on the Ancestry.com website, I can sort them by "Date", and also by "Common Ancestors" (where Ancestry.com has been able to piece together a family tree showing that we have a common ancestor). In mid-October 2019, I learned that I had a new DNA match with a woman named Pippi Engstedt, and that we have a common ancestor. Here is my match with Pippi:



The screenshot shows the 'Burks Oakley's DNA Matches' interface. At the top, there are filters for 'Sort', 'Groups', 'Common ancestors', and a 'Search' button. Below the filters, a match for 'Pippi Engstedt' is displayed. The match is identified as a '4th-6th Cousin' with 'Shared DNA: 20 cM across 2 segments'. To the right, it indicates '44 People' and 'Common ancestor'.

According to Ancestry.com, Pippi and I share 20 cM of DNA across 2 segments, and we could be as close as 4<sup>th</sup>-cousins.

After seeing this new match, I clicked on her name to learn more details about our common ancestor. I learned that we both are descended from my third-great grandfather, Thure Petter Brorström (1768-1855):

How are you and Pippi Engstedt related?

### Common Ancestors

According to Ancestry member trees, these are the common ancestors that connect you and Pippi Engstedt. View a common ancestor to see the relationship path that connects you.

**Pippi Engstedt could be your half 4th cousin through:**



**Thure Petter Brorström**  
3rd great-grandfather  
1768–1855  
[View Relationship](#)

Thure Petter Brorström was a priest in the small town of Borrby, which is located in southeast Skåne. I visited there in May 2018 and saw his grave, which is located right next to the church.

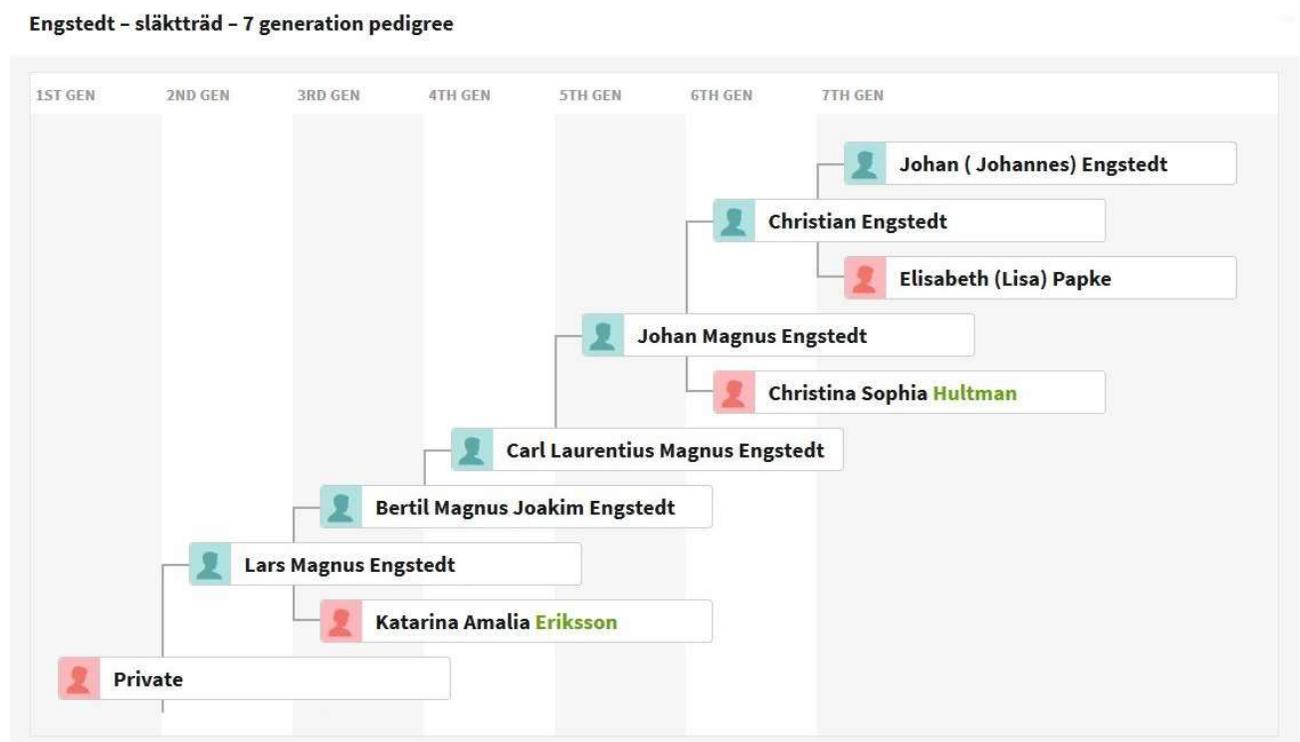


I next went to a page where I could view how Pippi and I are related, and I learned that Pippi is descended from Thure Petter Brorström's daughter, Anna Helena Anette Brorström (1798-1858):



It turns out that Anna Helena Brorström married Johan Magnus Engstedt (1787-1843), and Pippi Engstedt is descended from a line of Engstedt males. She and I are fourth-cousins.

Here is Pippi's family tree on Ancestry.com:



Hmmmm..... While she shows her line back to Johan Magnus Engstedt, she doesn't have his wife Anna Helena Brorström in her direct pedigree. Here is her entry for Johan Magnus Engstedt:

Engstedt - släkträd - 7 generation pedigree

**Johan Magnus Engstedt**  
Engstedt - släkträd

**Birth**  
25 OCT 1787 • Borrby (L)

**Marriage**  
13 JUN 1828 • Borrby (L)

**Marriage**  
13 Jun 1828 • Borrby, Kristianstad, Sweden

**Death**  
29 MAY 1843 • Sankt Ibb (M)

4 timeline events [View in tree](#)  
1 source records

**Parents**

**Christian Engstedt**  
1755-1803

**Christina Sophia Hultman**  
1763-1839

**Spouse and Children**

**Anna Helena Brorstrom**

**Unknown spouse**

**Carl Laurentius Magnus Engst...**  
1835-1912

Pippi doesn't have Anna Helena Brorström as Carl Laurentius Magnus Engstedt's mother. But somehow the software on the Ancestry.com website connected her back to Thure Petter Brorström through his daughter Anna Helena Brorström. I needed to look into this in more detail.

I looked on guttorps.se, which is a website managed by my Brorström cousin Anna Guttorp:

**Slakten Guttorp med närstående - Family Card**

**Thure Petter Brorström**  
(10 Oct 1768 - 3 Oct 1855)

**Hedvig Maria Malmström**

m. 1828

**Johan Magnus Engstedt**  
b. 1787, Borrby, Kristianstad län  
d. 1843, Sankt Ibb, Malmöhus län  
bur.  
occ.  
edu.  
rel.

**Anna Helena Anette Brorström**  
b. 31 Jul 1798, Karlskrona, Blekinge län  
d. 1858, Lund, Malmöhus län  
bur.  
occ.  
edu.  
rel.

**Children**

**Ture Christian Engstedt** (1829 - 1853)

While this entry shows Anna Helena Anette Brorström and her husband Johan Magnus Engstedt, it doesn't help me, since it only shows them with one son - Ture Christian Engstedt (1829-1853). Fortunately, there are lots of other family trees on Ancestry.com that show the entire family. Here is one of them:

Dis-2019-09-20 Tree Search Ulf Lundgren

# Johan Magnus Engstedt

BIRTH 25 OCT 1787 • Borrby (L)  
DEATH 29 MAY 1843 • Sankt Ibb (M)

**Parents**

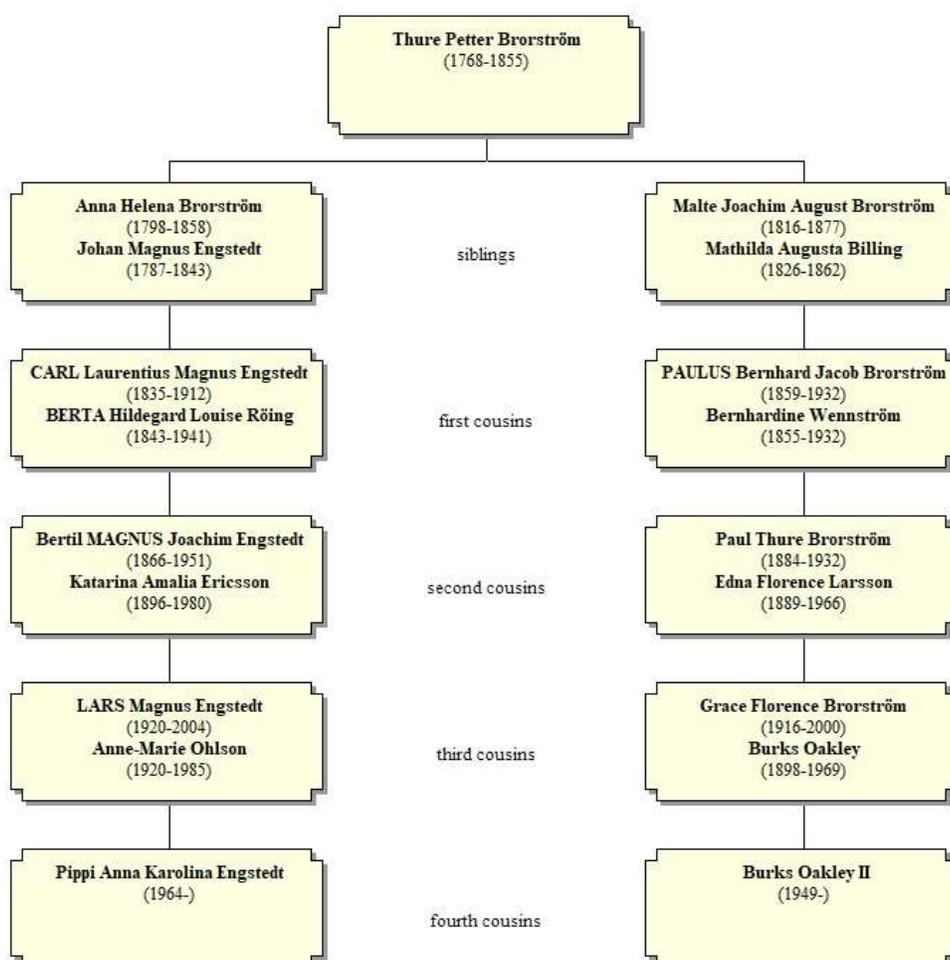
- Christian Engstedt (1755-1803)
- Christina Sophia Hultman (1763-1839)

**Spouse & Children**

- Anna Anette Helena Brorström (1798-1858)
- Thure Christian Engstedt (1829-1853)
- Johan Jacob Engstedt (1830-1848)
- Hedvig Maria Engstedt (1833-1922)
- Carl Laurentius Magnus Engstedt (1835-1912)
- Herman Georg Engstedt (1837-1858)
- Christina Sophia Engstedt (1839-1874)
- August Fredrik Engstedt (1842-1894)

This tree (and others) have Anna Helena as the mother of Carl Laurentius Magnus Engstedt, as well as six other children. I conclude that Pippi Engstedt really is descended from Anna Helena Anette Brorström, and that this relationship could account for our DNA match.

Here is a chart showing all the generations going back to Thure Petter Brorström for both Pippi Engstedt and me:



## Other DNA Matches in the Family

I next moved on to see if anyone else in my family has a DNA match with Pippi Engstedt. I learned that my daughter Amy Oakley has a match:

The screenshot shows a profile for Pippi Engstedt (PE) on the left, with a 'Message' button and member information. On the right, a 'DNA Relationship to Amy Oakley' card displays a match with Amy Oakley (AO) as a '4th-6th Cousin' with 21 cM of shared DNA across 1 segment.

Amy and Pippi share 21 cM on a single segment. I'll come back later in the narrative to discuss why it appears that Amy's match (21 cM) is larger than my match (20 cM).

I also learned that my Swedish cousin Birgit Brorström Tesch has a DNA match with Pippi Engstedt:

The screenshot shows a profile for Pippi Engstedt (PE) on the left. On the right, a 'DNA Relationship to Birgit Tesch' card displays a match with Birgit Tesch (BT) as a '4th-6th Cousin' with 21 cM of shared DNA across 2 segments.

Birgit and Pippi share 21 cM across two segments. Birgit's daughter Lisen Tesch also has a DNA match with Pippi:

The screenshot shows a profile for Pippi Engstedt (PE) on the left. On the right, a 'DNA Relationship to Lisen Tesch' card displays a match with Lisen Tesch as a '4th-6th Cousin' with 34 cM of shared DNA across 2 segments. The card features a photo of Lisen Tesch.

Again, it appears that Lisen's match with Pippi is larger than her mother's match with Pippi.

Finally, I learned that Pippi has DNA match with three of my Brorström cousins who live in Florida. Here is her match with Peter Larson (formerly Brorström):

The screenshot shows a profile for Pippi Engstedt (PE) on the left, with a 'Message' button and membership details (Member since 19 Sep 2019, Last signed in Today). On the right, a 'DNA Relationship to PTB Larson' card displays a green circle with 'PL' and a red circle with 'PE' connected by a double-circle icon. The relationship is '5th-8th Cousin' with 'Shared DNA: 18 cM across 2 segments'.

Here is her match with Stuart Eck (son of Paul Thure Brorström Jr.):

The screenshot shows a profile for Pippi Engstedt (PE) on the left. On the right, a 'DNA Relationship to Stuart Eck' card features a portrait of Stuart Eck and a red circle with 'PE' connected by a double-circle icon. The relationship is '5th-8th Cousin' with 'Shared DNA: 12 cM across 2 segments'.

And finally, here is her match with Susan Brorström Baker:

The screenshot shows a profile for Pippi Engstedt (PE) on the left. On the right, a 'DNA Relationship to Susan Baker' card displays a dark circle with 'SB' and a red circle with 'PE' connected by a double-circle icon. The relationship is '5th-8th Cousin' with 'Shared DNA: 17 cM across 1 segments'.

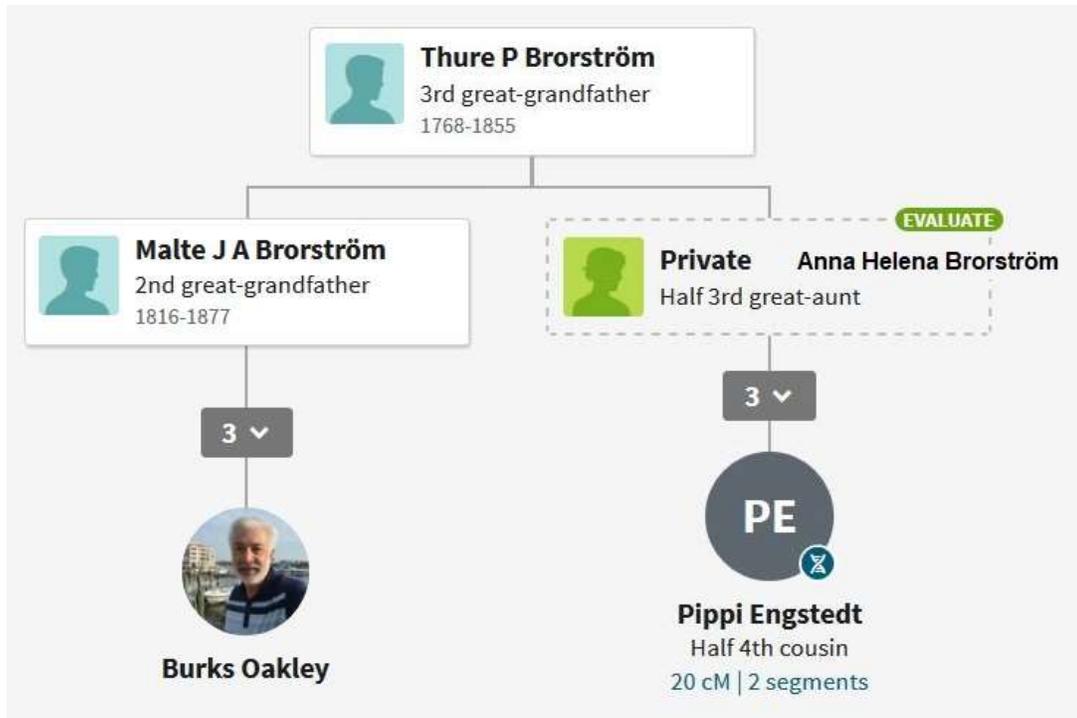
Interestingly, it seems that my other Brorström cousins, Annmarie and Elizabeth (Beth), do not have a DNA match with Pippi.

### ***Thure Petter Brorström (1768-1855)***

At this point, I need to veer away from DNA and mention some genealogy. Thure Petter Brorström was married three different times. His first wife was Hedvig Maria Malmström. They had four children between 1798-1803 (two children died when they were less than one year old). Their first child was Pippi's second-great grandmother, Anna Helena Anette Brorström (1798-1858).

Thure Petter Brorström's second wife was Beata Christina Hultman (1787-1826). They had nine children between 1806 and 1823. My second-great grandfather Malte Joachim August Brorström (1816-1877) was the sixth child from that marriage. I note that Malte was 18 years younger than Anna Helena.

Pippi and I are each descended from a different wife of Thure Petter Brorström, and that is why Ancestry.com notes that we are half 4<sup>th</sup> cousins:



After Beata died in 1826, Thure Petter married Gustava Dorothea Hultman (1797-1864), who appears to be his second wife's younger sister. They didn't have any children, but Gustava certainly would have taken on the role of mother in raising her sister's children.

### ***Learning More About My DNA Match with Pippi Engstedt***

One of the deficiencies of the Ancestry.com website is that it does not provide a "chromosome browser". That is, the software identifies a DNA match, but doesn't let the user know anything about which chromosome the match is on, or the location of the match along the chromosome. Fortunately, the free GEDmatch.com website has a chromosome browser (and a lot more). Users can download their existing DNA profiles from sites such as Ancestry.com and 23andme.com, and then upload these profiles to the free GEDmatch.com website.

I went to the GEDmatch.com website and used a tool named "One-To-Many DNA Comparison", which searches through the GEDmatch database and identifies all of my DNA matches. I searched the page of results for "Pippi", figuring it wasn't a very common name. I was amazed to learn that Pippi Engstedt already had her DNA profile on GEDmatch:

Kit	✓ 1:1	Name	Largest Seg	Total cM	Gen	Overlap	Date Compared	Testing Company
<a href="#">SZ1628157</a>	<input type="checkbox"/> <a href="#">A</a>	Pippi Anna Karolina Engstedt	20.7	20.7	4.7	195305	2019-10-23	Ancestry

I then used the software tool named “One-to-One Autosomal DNA Comparison” to view specific details about my DNA match with Pippi:

## GEDmatch® Autosomal One-to-one Comparison

Comparing Kit A122463 (Burks Oakley II) [Migration - F2 - A] and SZ1628157 (Pippi Anna Karolina Engstedt) [Ancestry]

Chr	B37 Start Pos'n	B37 End Pos'n	Centimorgans (cM)	SNPs
7	103,396,604	129,931,402	20.7	3,004

Largest segment = 20.7 cM

Estimated number of generations to MRCA = 4.7

1 shared segments found for this comparison.

We have a 20.7 cM DNA match on Chromosome 7. Based on the size of this DNA match, the software estimates that our Most Recent Common Ancestor (MRCA) is 4.7 generations in the past. Our actual MRCA (Thure Petter Brorström) is 5 generations in the past for both of us.

Note that Ancestry.com found that Pippi and I had a 20 cM DNA match on two segments, while GEDmatch.com found that we have a single 20.7 cM shared segment. For completeness, I went back and lowered the threshold for a segment to be considered a match from 7 cM to 4 cM. This turned up a second segment on Chromosome 17 of 6.2 cM:

Comparing Kit A122463 (Burks Oakley II) [Migration - F2 - A] and SZ1628157 (Pippi Anna Karolina Engstedt) [Ancestry]

Chr	B37 Start Pos'n	B37 End Pos'n	Centimorgans (cM)	SNPs
7	103,396,604	129,931,402	20.7	3,004
17	64,563,520	68,140,040	6.2	640

Largest segment = 20.7 cM

2 shared segments found for this comparison.

I then went on to investigate who else in the GEDmatch database matches BOTH Pippi and me. The results are shown in the following chart:

## GEDmatch Selected Kits 2-d Chromosome Browser

2-d Chromosome with Kit SZ1628157 - Pippi Anna Karolina Engstedt.

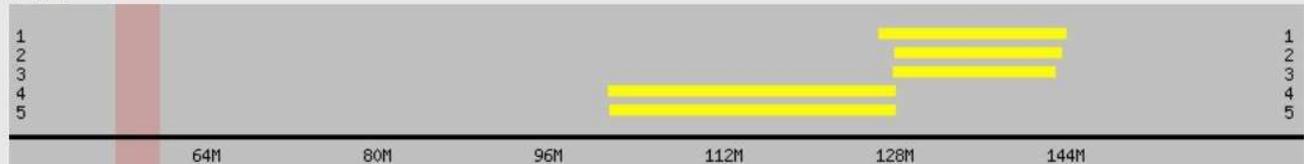
Length > 100 cM 50-100 cM 20-50 cM 10-20 cM 5-10 cM < 5 cM Centromere

Color 

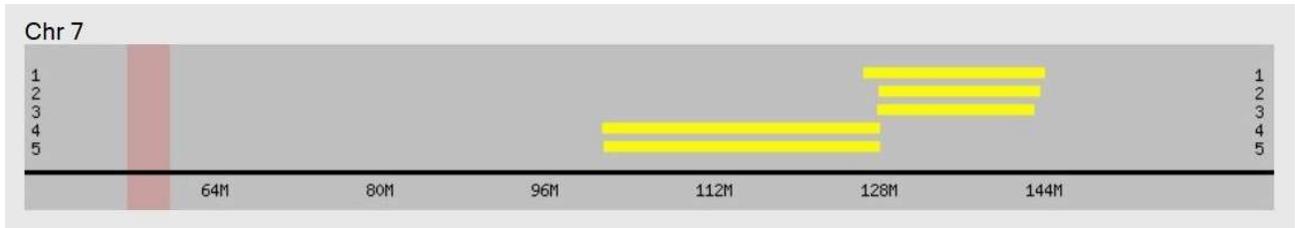
Chr 7

Match ID	Name	Matching segments on Chromosome 7	Overlap with previous match
1	Peter Larson(RG2124558)	128371298 - 145768088 (24.458 cM)	root
2	*S.B.B.(M209915)	129855837 - 145384643 (22.505 cM)	129855837 - 145384643
3	*Stu(A303490)	129777889 - 144744047 (22.105 cM)	129855837 - 144744047
4	*Amy.Oakley(A059368)	103153462 - 129927778 (20.879 cM)	129777889 - 129927778
5	Burks Oakley II(A122463)	103396604 - 129931402 (20.679 cM)	103396604 - 129927778

Chr 7



As expected, Peter, Susan (S.B.B.), Stuart, Amy, and I all match Pippi on Chromosome 7. But what is amazing is that Peter, Susan, and Stuart match Pippi on Chromosome 7, but in a different location than the match that Amy and I have with her.



DNA match with Pippi Engstedt on Chromosome 7. 1 – Peter, 2 – Susan, 3 – Stuart, 4 – Amy, 5 - Burks. Note that this graphic shows the location along the chromosome where these people match Pippi.

Note that Pippi’s DNA segment is NOT shown in this chart, but it can be inferred to run from the far left of the lower two bars to the far right of the upper-most bar. It would seem that in being passed from my grandfather Paul Thure Brorström Sr. to his children Paul Thure Brorström Jr. and Grace Florence Brorström, PTB Jr. (and three of his children – Peter, Susan, and Stuart) got the segment on the right, while Grace (and therefore me and then my daughter Amy) got the segment on the left.

Peter’s match overlaps with Amy and me slightly.

Burks: 103,396,604 to 129,931,402  
 Peter: 128,371,298 to 145,768,088

This is evidence that there was a single Brorström segment from Thure Petter Brorström, which Pippi still has. This means that Pippi’s segment goes from 103,396,604 to 145,768,088 – that is amazing! Thank goodness for the chromosome browser on the GEDmatch.com website.

In looking at the specifics of these DNA matches on GEDmatch.com, I learned that Peter Larson (formerly Brorström) actually matches Pippi on three different chromosomes:

## GEDmatch® Autosomal One-to-one Comparison - V1.0

Software Version Aug 17 2019 00:16:19

[Here](#) is a link to a useful YouTube video on using the One to One DNA comparison tool.

Comparing Kit RG2124558 (Peter Larson) [23andMe] and SZ1628157 (Pippi Anna Karolina Engstedt) [Ancestry]

Segment threshold size will be adjusted dynamically between 200 and 400 SNPs

Minimum segment cM to be included in total = 7.0 cM

Mismatch-bunching Limit will be adjusted dynamically to 60 percent of the segment threshold size for any given segment.

Chr	B37 Start Pos'n	B37 End Pos'n	Centimorgans (cM)	SNPs
1	244,422,816	247,340,756	8.3	213
7	128,371,298	145,768,088	24.5	882
17	13,007,258	15,002,217	9.0	213

Largest segment = 24.5 cM

Total Half-Match segments (HIR) = 41.7 cM (1.163 Pct)

Estimated number of generations to MRCA = 4.2

3 shared segments found for this comparison.

His match on Chromosome 17 is in a very different part of the chromosome than mine is (for what it is worth).

### ***More Details about Amy's DNA Match with Pippi***

I was initially bothered by the observation that Amy's DNA match with Pippi was slightly larger than mine. Since Amy had to get this segment from me, how could her segment be larger than mine? I asked a question to a Facebook group ("GEDmatch Genealogy and Ancestry") about how my daughter could have a larger match with someone than I do, and one of the people who responded mentioned using the "Phasing" tool on GEDmatch.com.

Phasing? What is that? The noted genetic genealogist Blaine T. Bettinger discussed the Phasing tool in a blog posting (edited slightly):

When a parent and a child both have their DNA profiles on GEDmatch.com, the Phasing tool can analyze the two DNA profiles and create a new profile that isolates the parent's contribution to the child's DNA. These phased kits are hypothesized to significantly reduce false segments. Specifically, since there is only a single copy of each chromosome in each phased kit (Mom's chromosome in the maternal kit and Dad's chromosome in the paternal kit), the matching algorithm cannot weave back and forth between mixed results to create a pseudosegment.<sup>1</sup>

So I phased Amy's DNA profile with my DNA profile, and created a new profile (kit) on GEDmatch.com. I then compared her new profile (and mine) with Pippi:

### **GEDmatch<sup>®</sup> Autosomal One-to-one Comparison**

Comparing Kit A059368P1 (\*Amy.Oakley) [GEDMatch Phased] and SZ1628157 (Pippi Anna Karolina Engstedt) [Ancestry]

Chr	B37 Start Pos'n	B37 End Pos'n	Centimorgans (cM)	SNPs
7	103,396,604	129,927,778	20.7	2,699

Comparing Kit A122463 (Burks Oakley II) [Migration - F2 - A] and SZ1628157 (Pippi Anna Karolina Engstedt) [Ancestry]

Chr	B37 Start Pos'n	B37 End Pos'n	Centimorgans (cM)	SNPs
7	103,396,604	129,931,402	20.7	3,004

Comparing "Phased Amy" and me with Pippi shows that my match with Pippi is indeed *slightly* larger than Amy's (same starting position, 3,624 larger ending position).

### ***Our Roots in Borrby, Skåne, Sweden***

The Brorström family has its roots in Borrby, Skåne. I visited there in March 2018 and saw the graves of Thure Petter Brorström and his son Malte Joachim August Brorström. Of course, the Engstedt family also has its roots in Borrby. Here is a screenshot of Johan (Johannes) Engstedt from Pippi's family tree:

<sup>1</sup> <https://thegeneticgenealogist.com/2017/07/26/the-effect-of-phasing-on-reducing-false-distant-matches-or-phasing-a-parent-using-gedmatch/>



Johan (Johannes) Engstedt was Pippi's fourth-great grandfather.

The DNA matches that the Brorström family members (including Birgit Brorström Tesch and her daughter Lisen) have with Pippi Engstedt provide strong support for our family roots in Borrby.



Borrby on map – in far southeast Skåne.



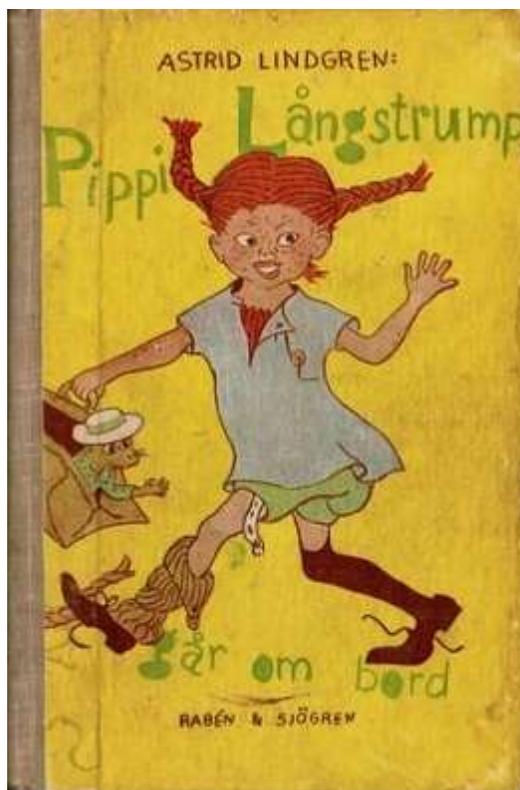
Entering Borrby



Selfie taken by the church in Borrby, 19 May 2018.

### ***The Name of Pippi in Sweden***

The name Pippi is a girl's name of Norse origin meaning "lover of horses". Of course, Pippi Longstocking is the main character in a series of children's books by the Swedish author Astrid Lindgren. The first three Pippi chapter books were published from 1945 to 1948, followed by three short stories and a number of picture book adaptations. They have been translated into 76 languages as of 2018 and made into several films and television series.



Pippi Longstocking is so part of the Swedish culture that there is a theme park named Astrid Lindgren's World (Astrid Lindgrens Värld) in the town of Vimmerby.



Actors at Astrid Lindgren's World

Ratsit.se is a Swedish website that has access to population registration information for all residents in Sweden. A search of this website for the name “Pippi” turned up just 79 adults with this name (and that includes people having Pippi as a second or third name):

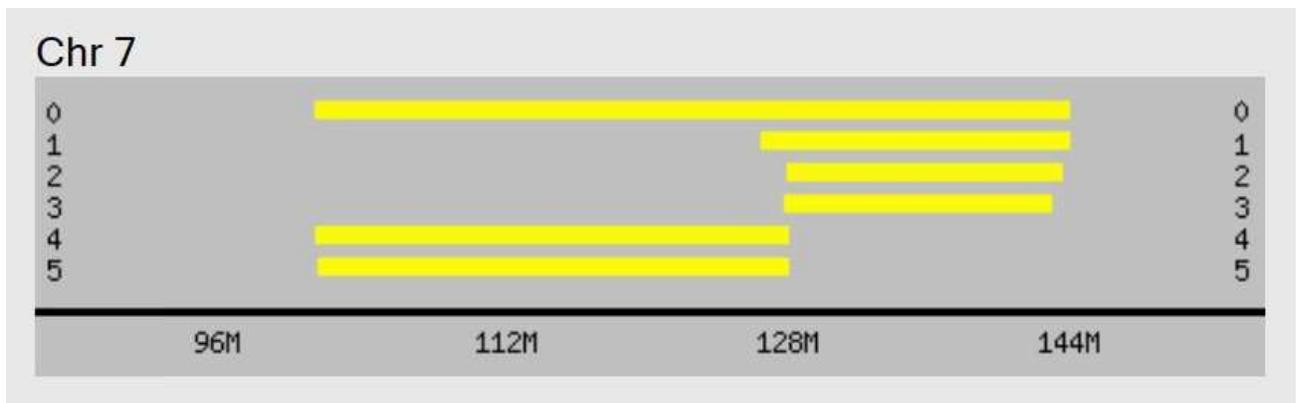
The screenshot shows the Ratsit website interface. At the top, there is a blue header with the Ratsit logo. Below the header, there are two tabs: 'Person' (circled in red) and 'Företag'. The 'Person' tab shows '79' results, and the 'Företag' tab shows '9' results. Below the tabs, there are two radio buttons: 'Enkel sök' (selected) and 'Avancerad sök'. A search input field contains the text 'Pippi' and has a small 'x' icon to its right. Below the input field, there is a placeholder text 'Var? (Gata, postnummer, ort, etc.)'. At the bottom, there is an orange button labeled 'Sök'.

I would have thought that it would be more popular. By comparison, a search for “Monica” turned up more than 60,000 individuals.

### ***Conclusion***

In this narrative, I have discussed various aspects of my DNA match with a Swedish woman named Pippi Anna Karolina Engstedt. She and I are both descended from Thure Petter Brorström (1768-1855), who served as a priest in the church in Borrby, in southeast Skåne. Pippi also has DNA matches with a number of other Brorström descendants, including several who live in Sweden.

One of the most interesting features of my family's DNA match with Pippi is that she appears to have one long segment on Chromosome 7. My daughter Amy and I match her from 103,396,604 to ~129,930,000, while three of my first-cousins match her from ~128,370,000 to 145,768,000. I never have seen anything like this before, where one long segment divides so cleanly between two branches of the family.



DNA match with Pippi Engstedt on Chromosome 7. 0 – Pippi Engstedt,  
1 – Peter, 2 – Susan, 3 – Stuart, 4 – Amy, 5 – Burks.

Pippi lives in Stockholm, and I hope to be able to meet her on my next visit to Sweden. I'm sure that she would like to meet her other Brorström cousins who live in the Stockholm area.