

**Not BORN or STUCK With It!**

**8 + World-Wide Med. J. Studies**

**Perfect Test Case: Identical Twin Co-Twins**

**\*\*Same DNA, Same Genes, Same Biology\*\***

**11% or less MALE Co-Twins: Gay**

**14% or less FEMALE Co-Twins: Gay**

**Not 99%: Large Objective Studies, no Volunteer or Selection Bias!**

**[www.MarriageInEquality.org](http://www.MarriageInEquality.org)**

# Identical Twin Studies Not Born With It

## Reference Studies

1. Bailey JM, Dunne MP, Martin NG. 2000. Genetic and Environmental influences on sexual orientation and its correlates in an Australian twin sample. [Journal of Personality and Social Psychology](#) 78:524-36
2. Hershberger SL. 1997. A twin registry study of male and female sexual orientation. [Journal of Sex Research](#) 34:212-22
3. Santtila P, Sandnabba NK, Harlaar N, Varjonen M, Alanko K, von der Pahlen B. 2008. Potential for homosexual response is prevalent and genetic. [Biological Psychology](#) 77(1):102-5
4. Langstrom N, Rahman Q, Carlstrom E, Lichtenstein P. 2010. Genetic and Environmental Effects on Same-sex Sexual Behavior: A Population Study of Twins in Sweden. [Archives of Sexual Behavior](#) 39(1):75-80 (SSA concordance between MZ twins was only 11% for males and 14% for females)
5. Alanko K, Santtila P, Harlaar N, Witting K, Varjonen K, Jern P, Johansson A, von der Pahlen B, Sandnabba NK. 2010. Common Genetic Effects of Gender Atypical Behavior in Childhood and Sexual Orientation in Adulthood: A Study of Finnish Twins. [Archives of Sexual Behavior](#) 39(1):81-92
6. Buhrich N, Bailey JM, Martin NG. 1991. Sexual orientation, sexual identity, and sex-dimorphic behaviors in male twins. [Behavior Genetics](#) 21:75-96
7. Kendler KS<sup>1</sup>, Thornton LM, Gilman SE, Kessler RC. 2000. Sexual orientation in a U.S. national sample of twin and nontwin sibling pairs. [Am J Psychiatry](#). 2000 Nov;157(11):1843-1846.
8. Burri A, Spector T, Rahman Q. 2015. Common Genetic Factors among Sexual Orientation, Gender Nonconformity, and Number of Sex Partners in Female Twins: Implications for the Evolution of Homosexuality. [J Sex Med](#). 2015 Apr;12(4):1004-11. doi: 10.1111/jsm.12847. Epub 2015 Feb 25.
9. Zietsch BP, Verweij KJ, Heath AC, Madden PA, Martin NG, Nelson EC, Lynskey MT. 2012. Do shared etiological factors contribute to the relationship between sexual orientation and depression? [Psychol Med](#). 2012 Mar;42(3):521-32.
10. Bearman PS, Brueckner H. 2002. Opposite-sex twins and adolescent same-sex attraction. [American Journal of Sociology](#) 107:1179-205 (SSA concordance between MZ twins was only 7.7% for males and 5.3% for females)
11. Kirk KM, Bailey JM, Dunne MP, Martin NG. 2000. Measurement models for sexual orientation in a community twin sample. [Behavior Genetics](#) 30:345-56 (SSA concordance between MZ twins was only 11% for males and 14% for females)

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- 1 Bailey JM, Dunne MP, Martin NG. 2000. Genetic and Environmental influences on sexual orientation and its correlates in an Australian twin sample. *Journal of Personality and Social Psychology* 78:524-36
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- 5 Alanko K, Santtila P, Harlaar N, Witting K, Varjonen K, Jern P, Johansson A, von der Pahlen B, Sandnabba NK. 2010. Common Genetic Effects of Gender Atypical Behavior in Childhood and Sexual Orientation in Adulthood: A Study of Finnish Twins. *Archives of Sexual Behavior* 39(1):81-92
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- 8. Burri A, Spector T, Rahman Q.** 2015. [Common Genetic Factors among Sexual Orientation, Gender Nonconformity, and Number of Sex Partners in Female Twins: Implications for the Evolution of Homosexuality.](#) *J Sex Med*. 2015 Apr;12(4):1004-11. doi: 10.1111/jsm.12847. Epub 2015 Feb 25.

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9. **Zietsch BP, Verweij KJ, Heath AC, Madden PA, Martin NG, Nelson EC, Lynskey MT.** 2012. [Do shared etiological factors contribute to the relationship between sexual orientation and depression?](#) Psychol Med. 2012 Mar;42(3):521-32.
- 10 Bearman PS, Brueckner H. 2002. Opposite-sex twins and adolescent same-sex attraction. American Journal of Sociology 107:1179-205 (SSA concordance between MZ twins was only 7.7% for males and 5.3% for females)
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- 12, Whitehouse, Neil. E. 2013. **MY GENES MADE ME DO IT ! Homosexuality and the Scientific Evidence.** 3<sup>rd</sup> Edition at <http://www.mygenes.co.nz/download.htm>